

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY111422\  
 Data File : VY011436.D  
 Acq On : 14 Nov 2022 13:54  
 Operator : KP/MD  
 Sample : VY1114SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1114SBS01

Quant Time: Nov 15 01:49:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111022S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 10 17:47:26 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 264044   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 414531   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 378347   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 196293   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 110534   | 49.956   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 99.920%  |
| 35) Dibromofluoromethane    | 7.716  | 113   | 116953   | 50.343   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 100.680% |
| 50) Toluene-d8              | 10.179 | 98    | 429702   | 48.417   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 96.840%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 163562   | 52.838   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 105.680% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 44391  | 25.853  | ug/l   | 99  |
| 3) Chloromethane             | 2.113 | 50  | 43484  | 20.491  | ug/l   | 95  |
| 4) Vinyl Chloride            | 2.253 | 62  | 52379  | 20.939  | ug/l   | 98  |
| 5) Bromomethane              | 2.644 | 94  | 38591  | 21.304  | ug/l   | 95  |
| 6) Chloroethane              | 2.790 | 64  | 34904  | 21.013  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 85233  | 21.595  | ug/l   | 92  |
| 8) Diethyl Ether             | 3.527 | 74  | 29422  | 21.228  | ug/l   | 73  |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 49849  | 20.832  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.094 | 142 | 59070  | 18.509  | ug/l   | 92  |
| 11) Tert butyl alcohol       | 4.948 | 59  | 38805  | 127.832 | ug/l   | 96  |
| 12) 1,1-Dichloroethene       | 3.869 | 96  | 46977  | 19.828  | ug/l # | 81  |
| 13) Acrolein                 | 3.729 | 56  | 12506  | 181.238 | ug/l   | 98  |
| 14) Allyl chloride           | 4.479 | 41  | 63274  | 19.790  | ug/l # | 81  |
| 15) Acrylonitrile            | 5.161 | 53  | 71930  | 108.613 | ug/l   | 96  |
| 16) Acetone                  | 3.948 | 43  | 66036  | 113.102 | ug/l # | 83  |
| 17) Carbon Disulfide         | 4.198 | 76  | 132564 | 18.785  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.479 | 43  | 37724  | 22.681  | ug/l # | 80  |
| 19) Methyl tert-butyl Ether  | 5.222 | 73  | 130034 | 20.985  | ug/l   | 94  |
| 20) Methylene Chloride       | 4.716 | 84  | 81754  | 21.486  | ug/l # | 78  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 54500  | 20.175  | ug/l # | 82  |
| 22) Diisopropyl ether        | 6.119 | 45  | 143221 | 20.989  | ug/l # | 89  |
| 23) Vinyl Acetate            | 6.058 | 43  | 415874 | 104.177 | ug/l # | 87  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 92288  | 20.769  | ug/l   | 99  |
| 25) 2-Butanone               | 6.990 | 43  | 93008  | 111.832 | ug/l # | 77  |
| 26) 2,2-Dichloropropane      | 6.984 | 77  | 85700  | 20.623  | ug/l   | 94  |
| 27) cis-1,2-Dichloroethene   | 6.990 | 96  | 62095  | 20.425  | ug/l   | 84  |
| 28) Bromochloromethane       | 7.338 | 49  | 32069  | 19.873  | ug/l # | 70  |
| 29) Tetrahydrofuran          | 7.350 | 42  | 54508  | 108.197 | ug/l # | 75  |
| 30) Chloroform               | 7.508 | 83  | 99721  | 21.219  | ug/l   | 100 |
| 31) Cyclohexane              | 7.789 | 56  | 76452  | 19.229  | ug/l # | 82  |
| 32) 1,1,1-Trichloroethane    | 7.704 | 97  | 88765  | 20.883  | ug/l   | 93  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 72110  | 19.999  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.076 | 43  | 36793  | 21.243  | ug/l # | 88  |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 82672  | 21.079  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.185 | 83  | 87265  | 19.807  | ug/l   | 89  |
| 40) Benzene                  | 8.161 | 78  | 223005 | 20.711  | ug/l   | 95  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY111422\  
 Data File : VY011436.D  
 Acq On : 14 Nov 2022 13:54  
 Operator : KP/MD  
 Sample : VY1114SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1114SBS01

Quant Time: Nov 15 01:49:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111022S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 10 17:47:26 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 49754    | 55.474  | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 60288    | 21.366  | ug/l   | 88       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 66064    | 21.143  | ug/l # | 83       |
| 44) Trichloroethene           | 8.941  | 130  | 61978    | 20.491  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 53880    | 21.026  | ug/l   | 98       |
| 46) Dibromomethane            | 9.307  | 93   | 32329    | 21.668  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.496  | 83   | 75760    | 21.193  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.295  | 41   | 28295    | 20.151  | ug/l # | 69       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 8881     | 436.004 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 186183   | 110.807 | ug/l # | 83       |
| 52) Toluene                   | 10.246 | 92   | 143496   | 20.870  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 78227    | 21.223  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 88359    | 20.770  | ug/l # | 80       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 47535    | 22.001  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 59667    | 21.475  | ug/l # | 69       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 77645    | 21.542  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 143691   | 111.881 | ug/l   | 91       |
| 59) 2-Hexanone                | 10.831 | 43   | 134781   | 113.231 | ug/l   | 79       |
| 60) Dibromochloromethane      | 10.983 | 129  | 57703    | 21.636  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 44373    | 21.360  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 62702    | 20.733  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.520 | 112  | 157635   | 20.816  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 58864    | 20.777  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 267332   | 20.203  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.703 | 106  | 215286   | 41.500  | ug/l   | 93       |
| 69) o-Xylene                  | 12.032 | 106  | 100057   | 20.450  | ug/l   | 92       |
| 70) Styrene                   | 12.044 | 104  | 171282   | 20.825  | ug/l   | 95       |
| 71) Bromoform                 | 12.209 | 173  | 37801    | 21.525  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 269441   | 19.860  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 58102    | 20.356  | ug/l # | 78       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 54822    | 21.031  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 72074    | 31.721  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 64842    | 19.986  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.672 | 91   | 323105   | 19.959  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 184310   | 19.908  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 231124   | 20.198  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 19521    | 20.651  | ug/l # | 79       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 191996   | 19.977  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 194364   | 19.646  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 230027   | 20.479  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 296699   | 20.373  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 252853   | 20.713  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 130588   | 20.163  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 130767   | 20.418  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 224970   | 20.510  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.965 | 117  | 48193    | 20.178  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 118732   | 20.666  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 9188     | 21.633  | ug/l   | 78       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 69550    | 20.535  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 43945    | 21.963  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 136602   | 20.465  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 60986    | 20.852  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY111422\  
Data File : VY011436.D  
Acq On : 14 Nov 2022 13:54  
Operator : KP/MD  
Sample : VY1114SBS01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

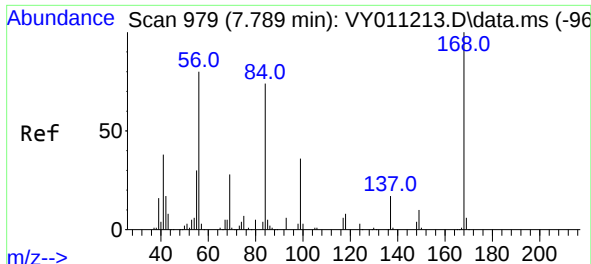
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

Quant Time: Nov 15 01:49:10 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111022S.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 10 17:47:26 2022  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

(#) = qualifier out of range (m) = manual integration (+) = signals summed

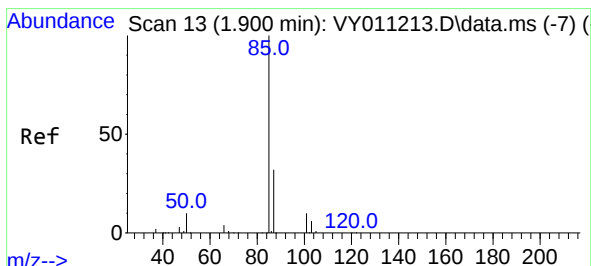
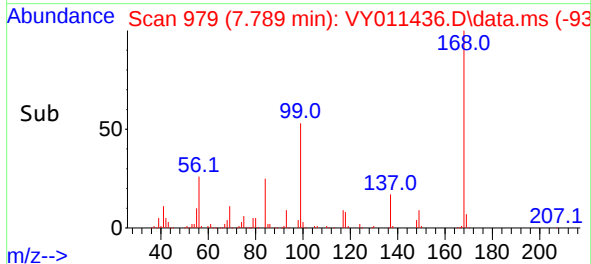
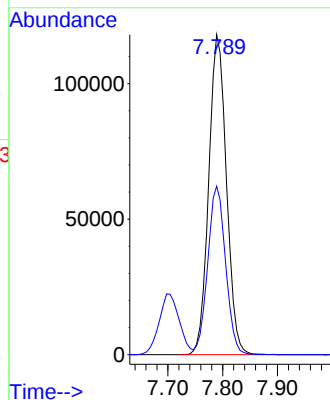
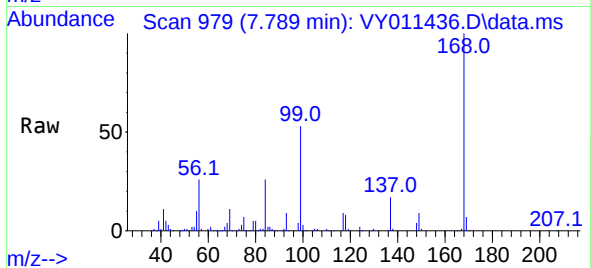




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

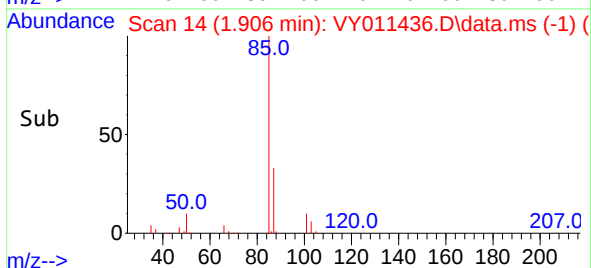
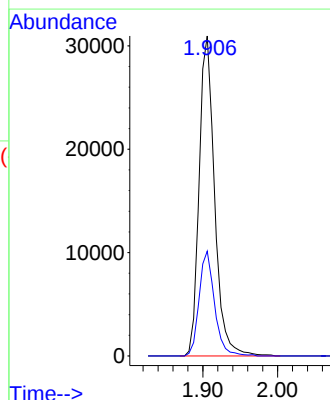
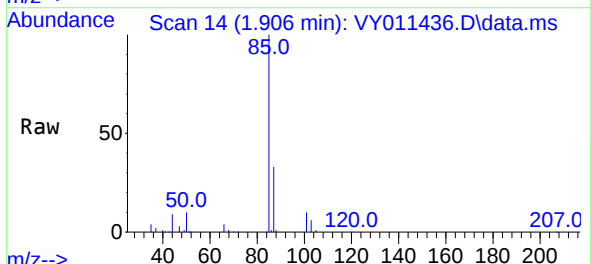
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

Tgt Ion:168 Resp: 264044  
Ion Ratio Lower Upper  
168 100  
99 52.7 46.9 70.3

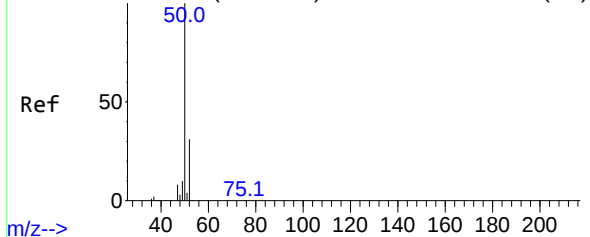


#2  
Dichlorodifluoromethane  
Concen: 25.853 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 85 Resp: 44391  
Ion Ratio Lower Upper  
85 100  
87 32.7 16.1 48.2



Abundance Scan 47 (2.107 min): VY011213.D\data.ms (-41)



#3

Chloromethane

Concen: 20.491 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY011436.D

Acq: 14 Nov 2022 13:54

Instrument :

MSVOA\_Y

ClientSampleId :

VY1114SBS01

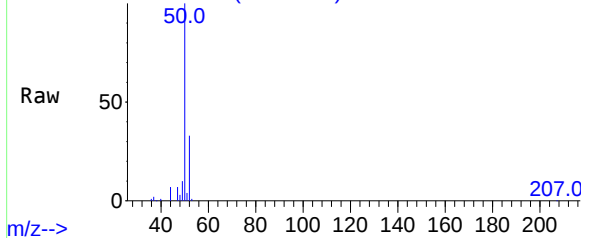
Tgt Ion: 50 Resp: 43484

Ion Ratio Lower Upper

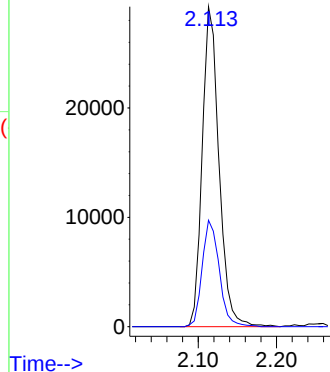
50 100

52 33.3 24.6 37.0

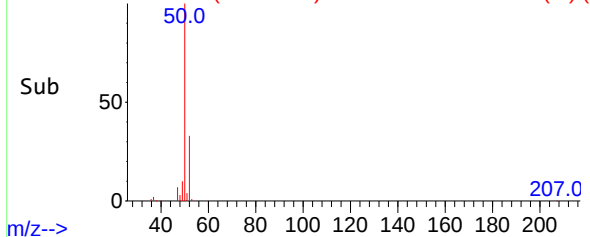
Abundance Scan 48 (2.113 min): VY011436.D\data.ms



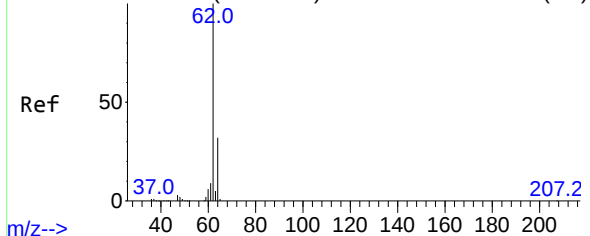
Abundance



Abundance Scan 48 (2.113 min): VY011436.D\data.ms (-1)



Abundance Scan 70 (2.247 min): VY011213.D\data.ms (-62)



#4

Vinyl Chloride

Concen: 20.939 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY011436.D

Acq: 14 Nov 2022 13:54

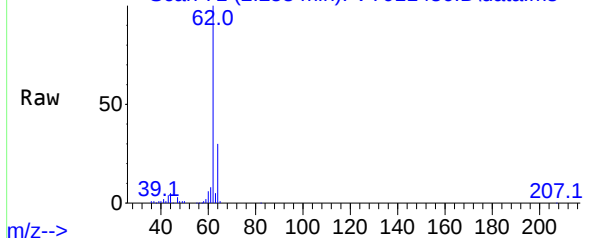
Tgt Ion: 62 Resp: 52379

Ion Ratio Lower Upper

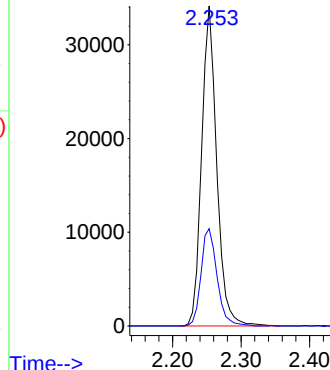
62 100

64 30.4 25.0 37.6

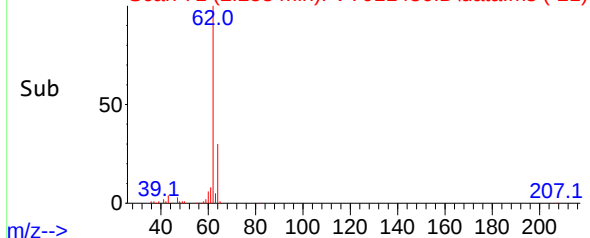
Abundance Scan 71 (2.253 min): VY011436.D\data.ms

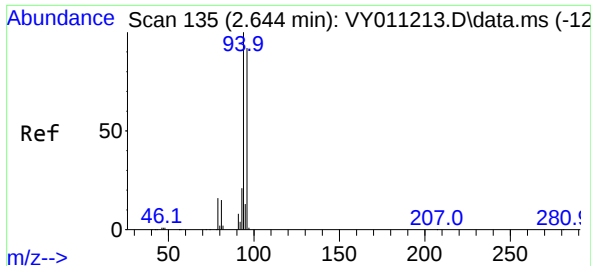


Abundance



Abundance Scan 71 (2.253 min): VY011436.D\data.ms (-21)

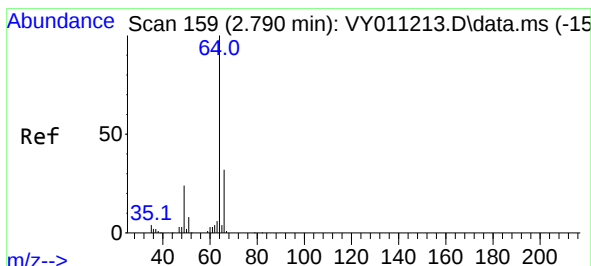
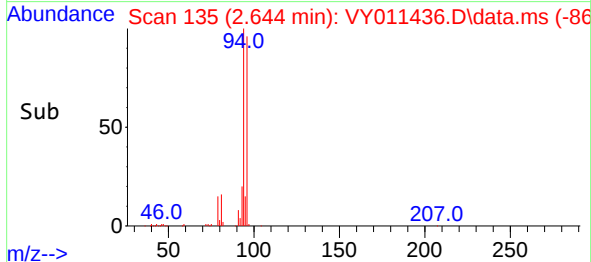
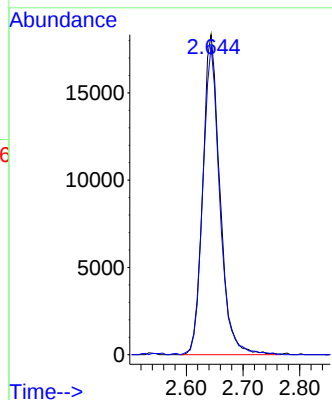
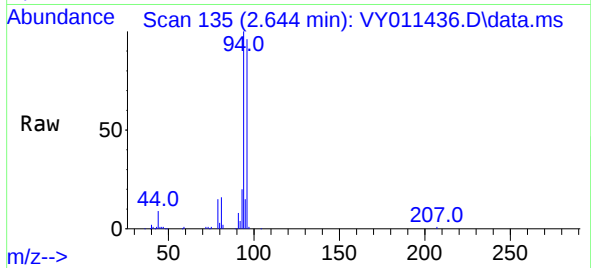




#5  
Bromomethane  
Concen: 21.304 ug/l  
RT: 2.644 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

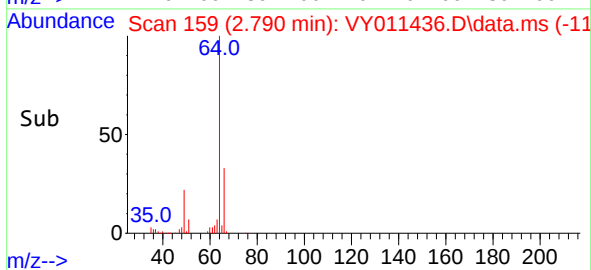
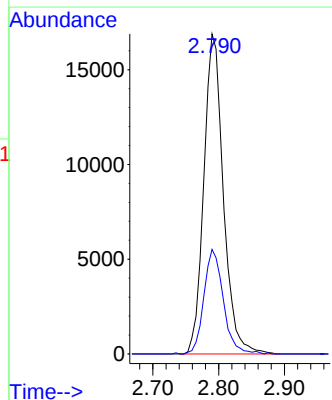
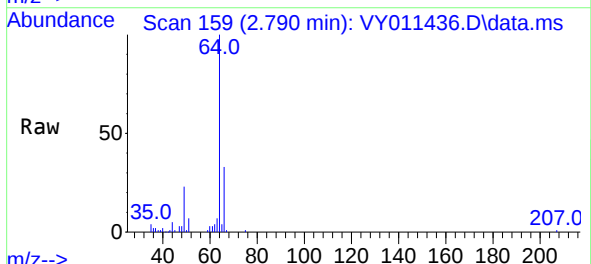
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

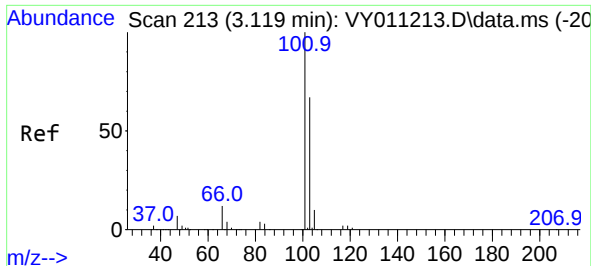
Tgt Ion: 94 Resp: 38591  
Ion Ratio Lower Upper  
94 100  
96 96.4 73.5 110.3



#6  
Chloroethane  
Concen: 21.013 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 64 Resp: 34904  
Ion Ratio Lower Upper  
64 100  
66 32.7 25.4 38.0

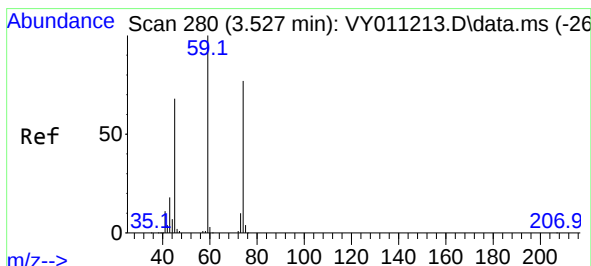
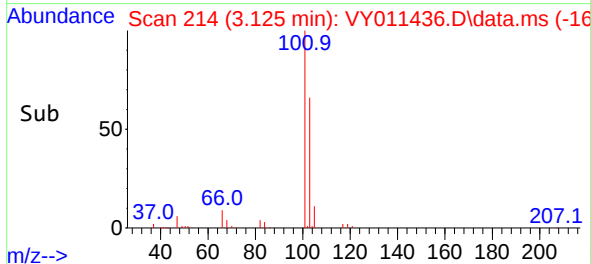
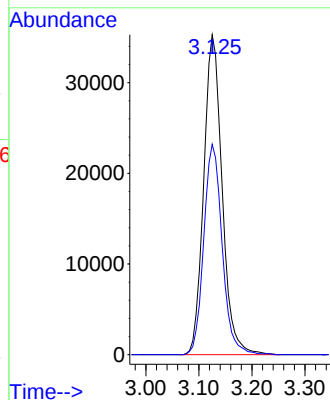
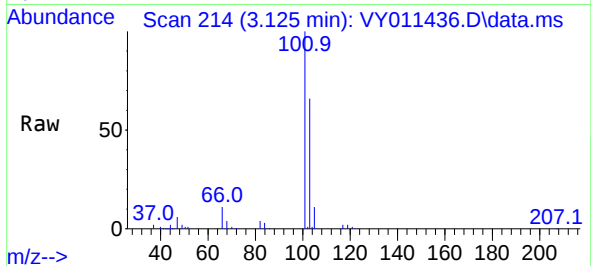




#7  
Trichlorofluoromethane  
Concen: 21.595 ug/l  
RT: 3.125 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

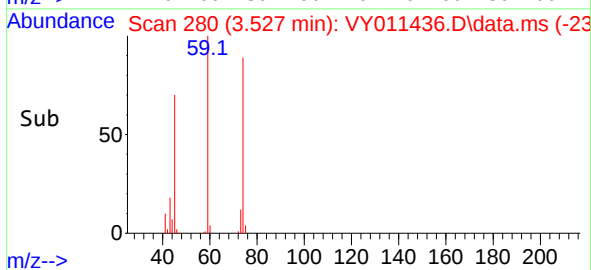
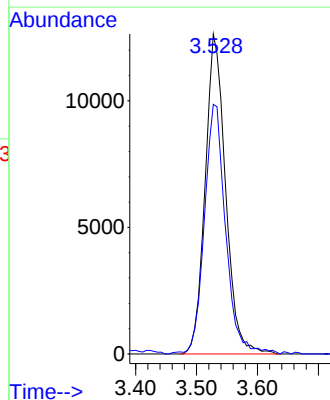
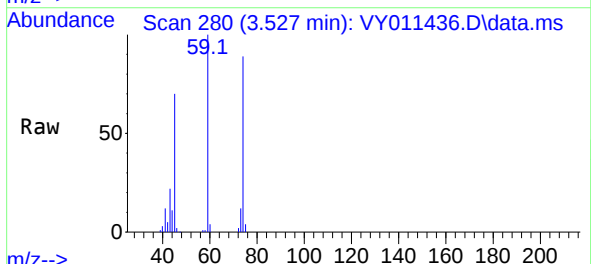
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

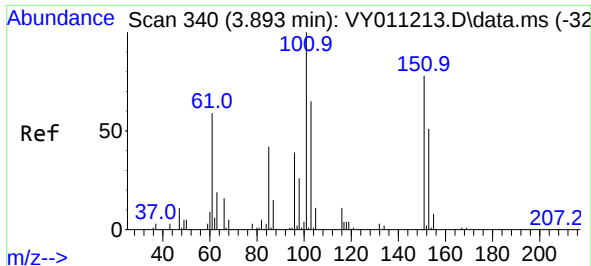
Tgt Ion:101 Resp: 85233  
Ion Ratio Lower Upper  
101 100  
103 65.8 48.0 72.0



#8  
Diethyl Ether  
Concen: 21.228 ug/l  
RT: 3.527 min Scan# 280  
Delta R.T. -0.001 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 74 Resp: 29422  
Ion Ratio Lower Upper  
74 100  
45 81.2 55.1 165.5

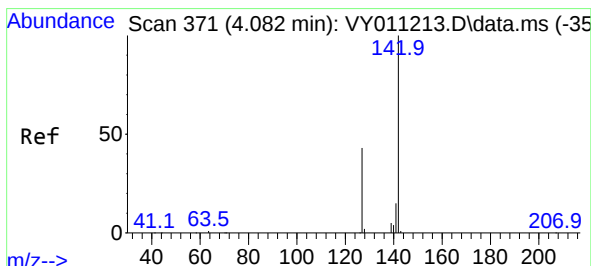
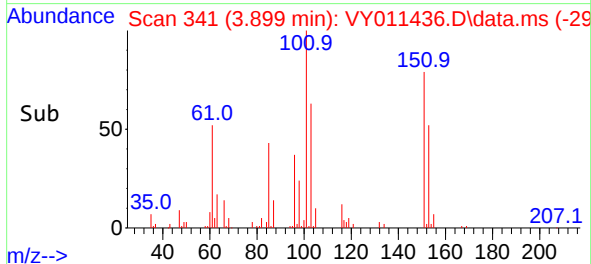
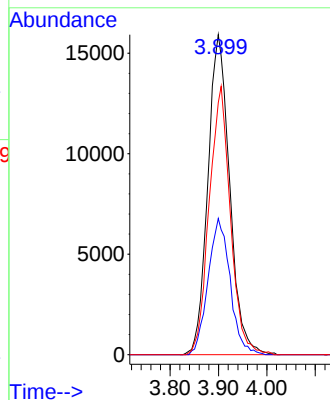
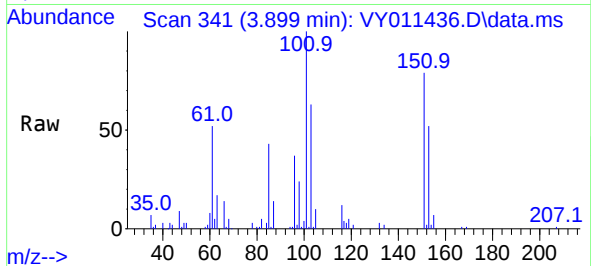




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.832 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

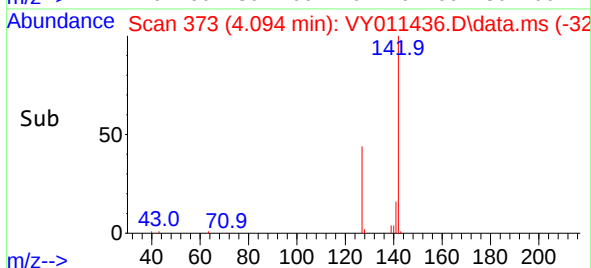
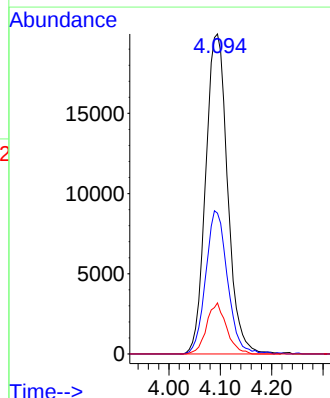
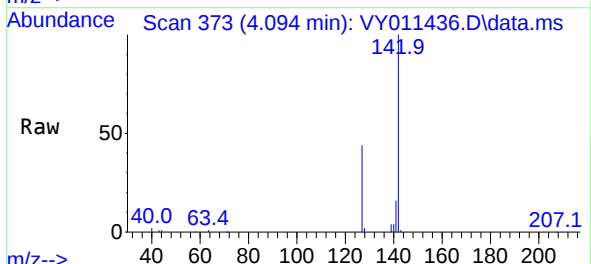
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

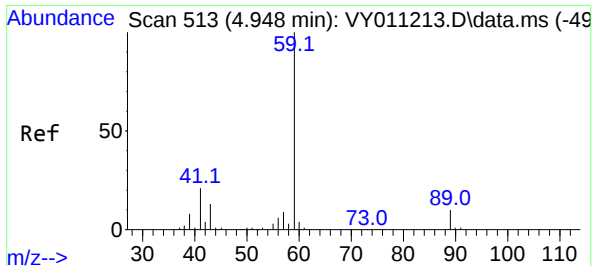
Tgt Ion:101 Resp: 49849  
Ion Ratio Lower Upper  
101 100  
85 43.0 40.6 60.8  
151 81.4 64.9 97.3



#10  
Methyl Iodide  
Concen: 18.509 ug/l  
RT: 4.094 min Scan# 373  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion:142 Resp: 59070  
Ion Ratio Lower Upper  
142 100  
127 44.6 41.5 62.3  
141 14.5 11.9 17.9





#11

Tert butyl alcohol

Concen: 127.832 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY011436.D

Acq: 14 Nov 2022 13:54

Instrument :

MSVOA\_Y

ClientSampleId :

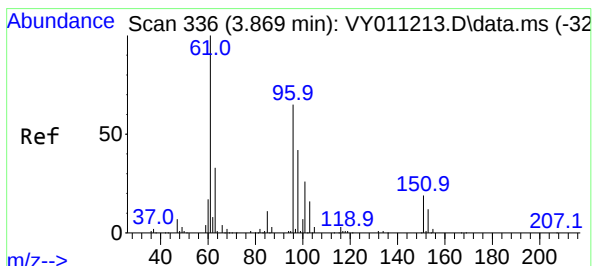
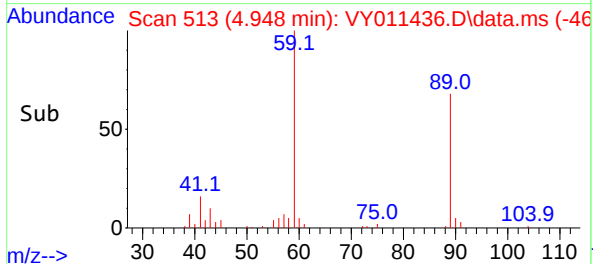
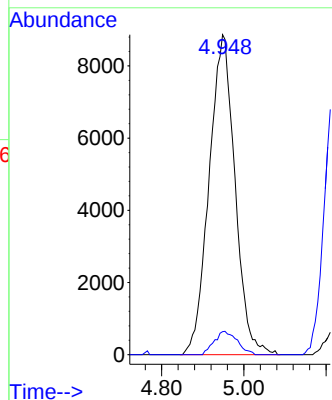
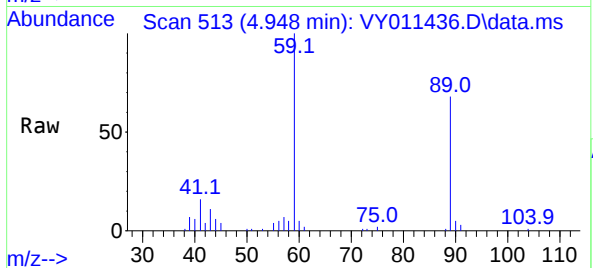
VY1114SBS01

Tgt Ion: 59 Resp: 38805

Ion Ratio Lower Upper

59 100

57 6.5 6.4 9.6



#12

1,1-Dichloroethene

Concen: 19.828 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY011436.D

Acq: 14 Nov 2022 13:54

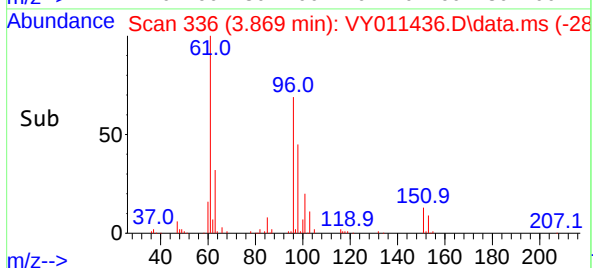
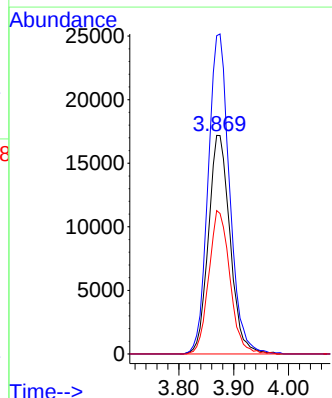
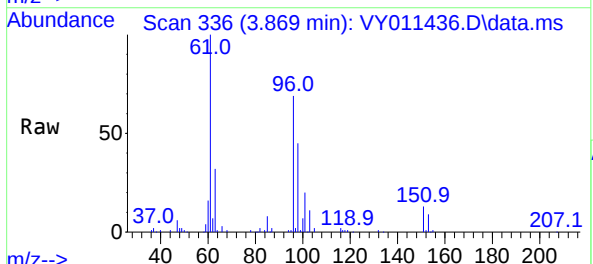
Tgt Ion: 96 Resp: 46977

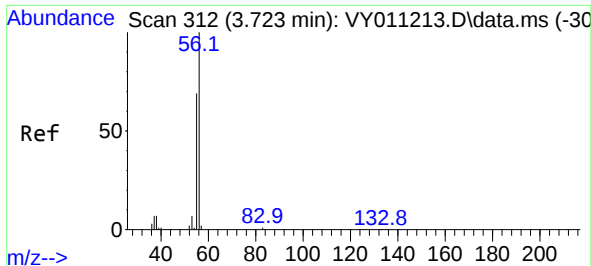
Ion Ratio Lower Upper

96 100

61 145.7 145.8 218.6#

98 65.6 52.5 78.7

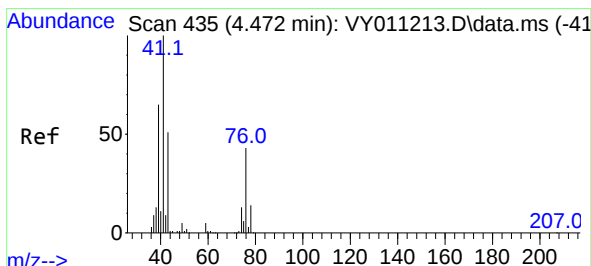
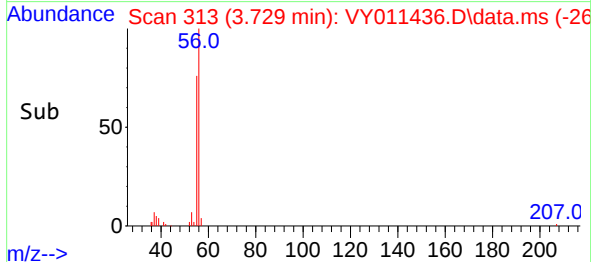
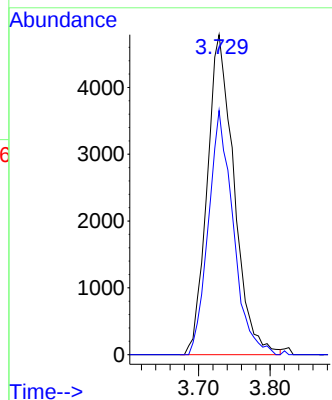
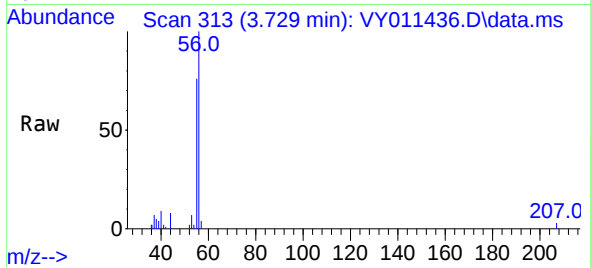




#13  
Acrolein  
Concen: 181.238 ug/l  
RT: 3.729 min Scan# 312  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

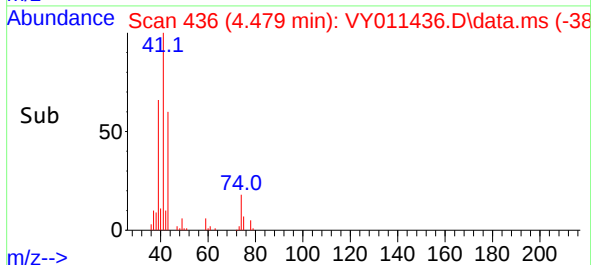
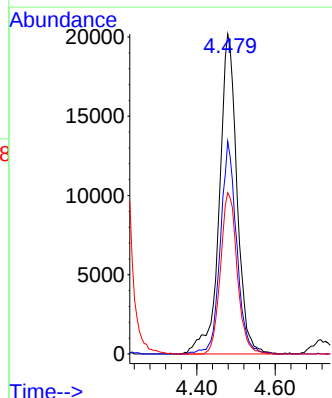
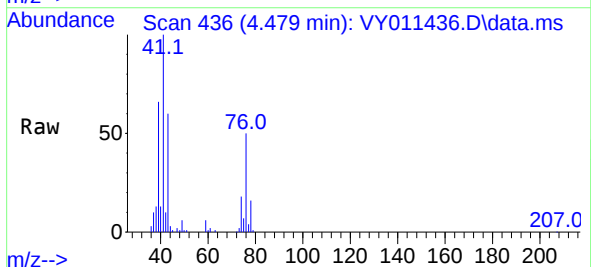
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

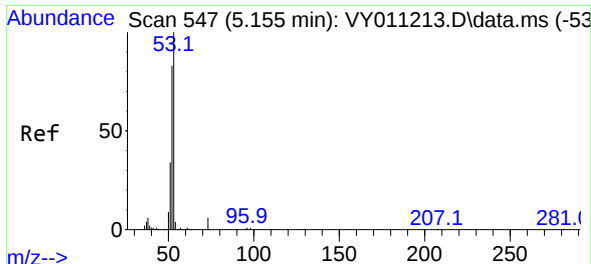
Tgt Ion: 56 Resp: 12506  
Ion Ratio Lower Upper  
56 100  
55 70.4 57.6 86.4



#14  
Allyl chloride  
Concen: 19.790 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 41 Resp: 63274  
Ion Ratio Lower Upper  
41 100  
39 61.3 58.8 88.2  
76 47.6 25.1 37.7#

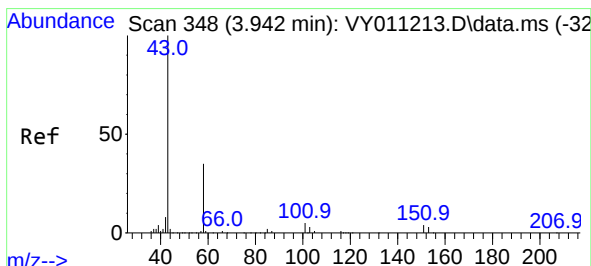
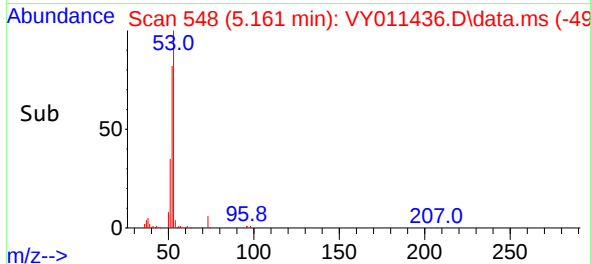
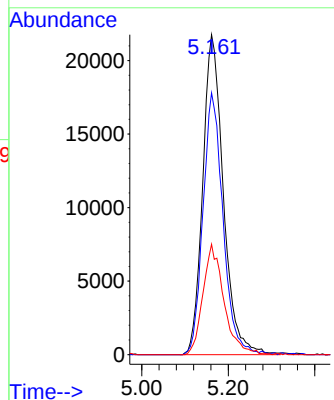
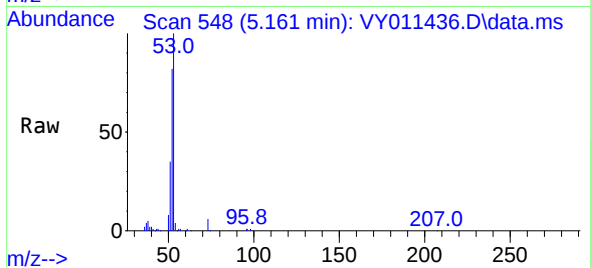




#15  
Acrylonitrile  
Concen: 108.613 ug/l  
RT: 5.161 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

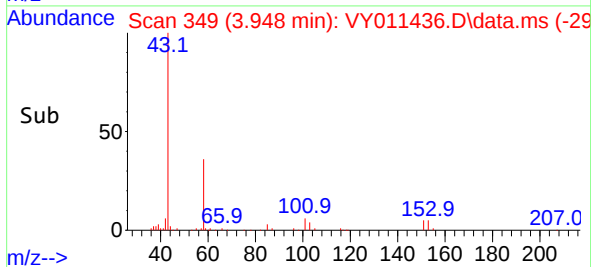
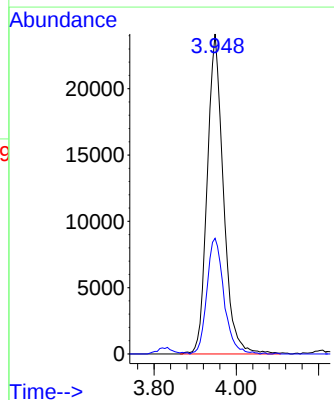
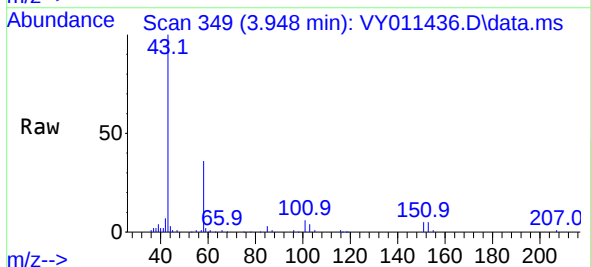
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

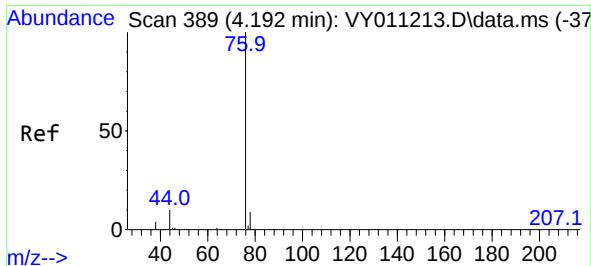
Tgt Ion: 53 Resp: 71930  
Ion Ratio Lower Upper  
53 100  
52 79.3 67.0 100.4  
51 35.2 29.8 44.6



#16  
Acetone  
Concen: 113.102 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 43 Resp: 66036  
Ion Ratio Lower Upper  
43 100  
58 36.1 22.0 33.0#

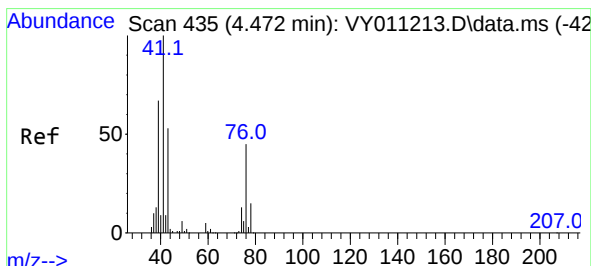
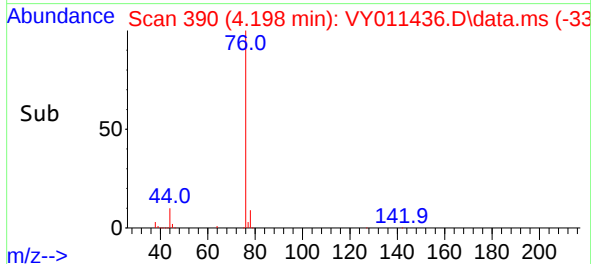
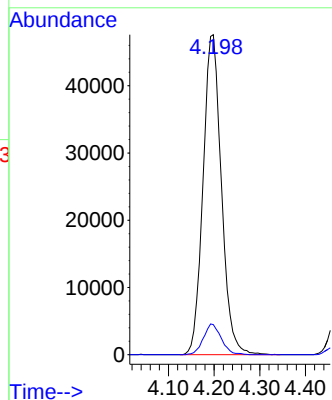
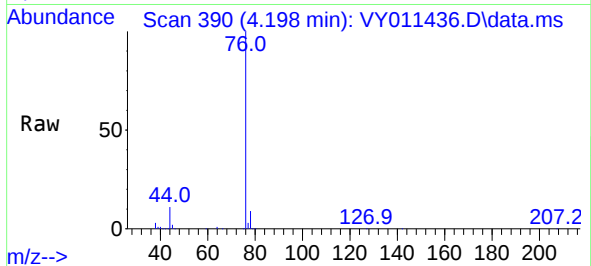




#17  
Carbon Disulfide  
Concen: 18.785 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. 0.012 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

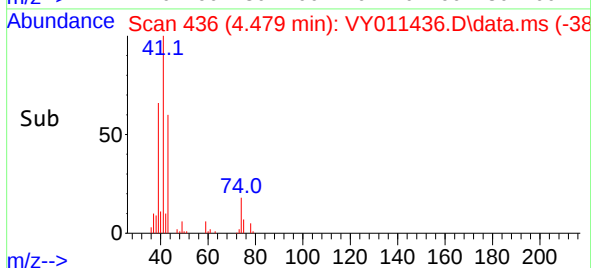
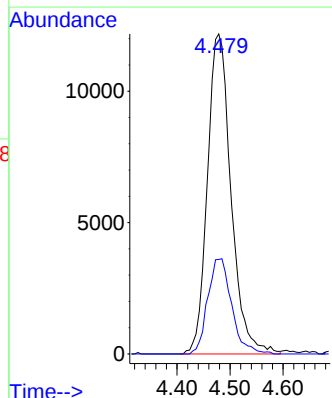
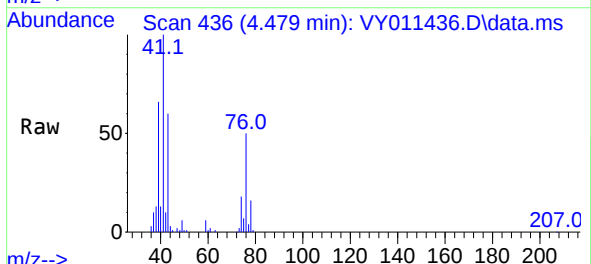
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

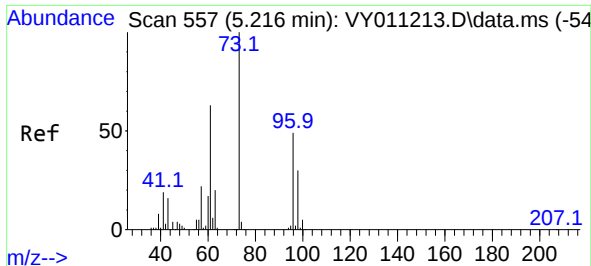
Tgt Ion: 76 Resp: 132564  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.4 11.0



#18  
Methyl Acetate  
Concen: 22.681 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 43 Resp: 37724  
Ion Ratio Lower Upper  
43 100  
74 30.1 16.6 24.8#

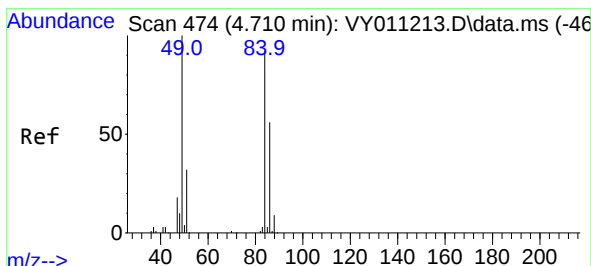
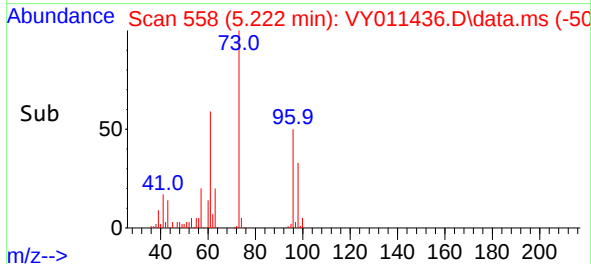
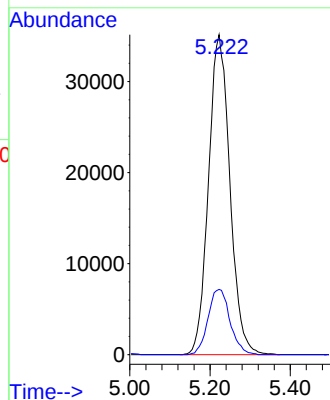
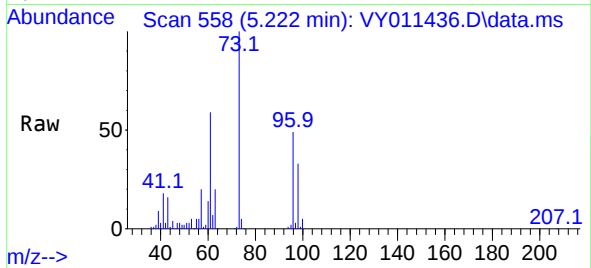




#19  
Methyl tert-butyl Ether  
Concen: 20.985 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

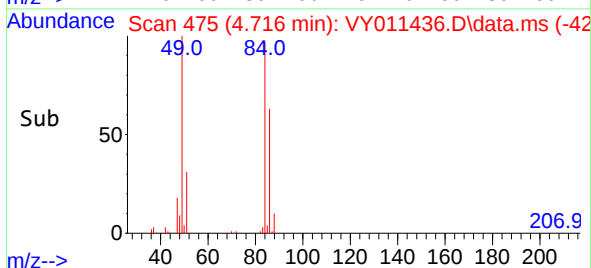
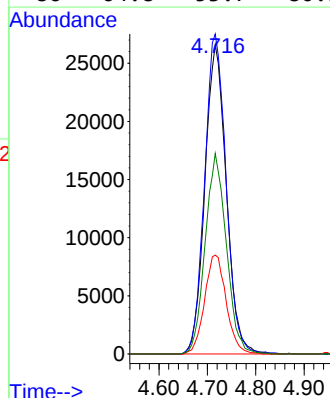
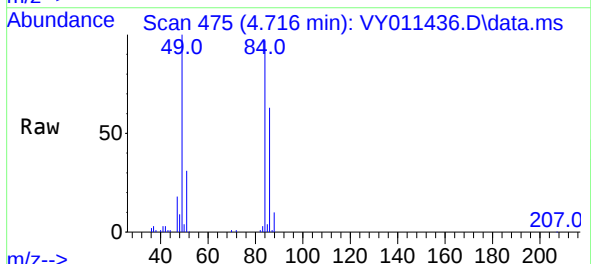
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

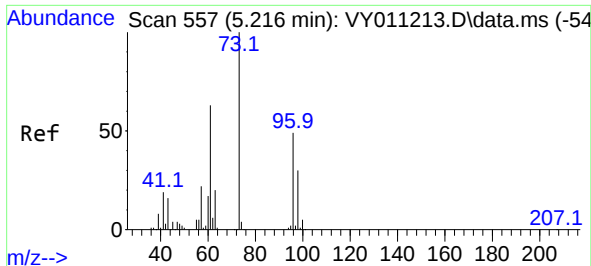
Tgt Ion: 73 Resp: 130034  
Ion Ratio Lower Upper  
73 100  
57 20.4 18.6 27.8



#20  
Methylene Chloride  
Concen: 21.486 ug/l  
RT: 4.716 min Scan# 475  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 84 Resp: 81754  
Ion Ratio Lower Upper  
84 100  
49 103.5 114.4 171.6#  
51 32.0 35.3 52.9#  
86 64.8 53.7 80.5

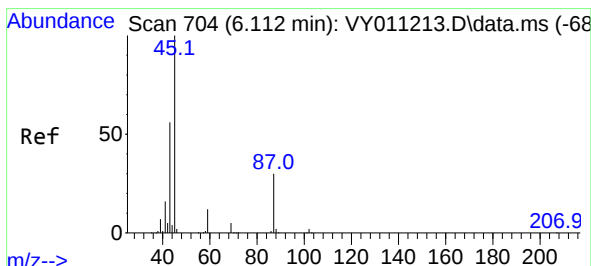
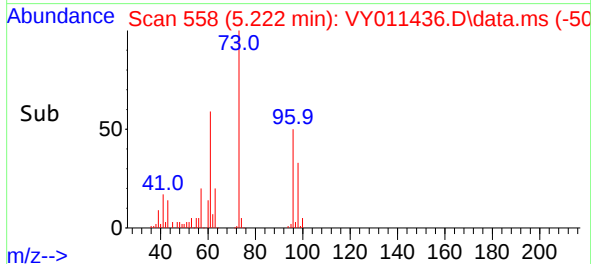
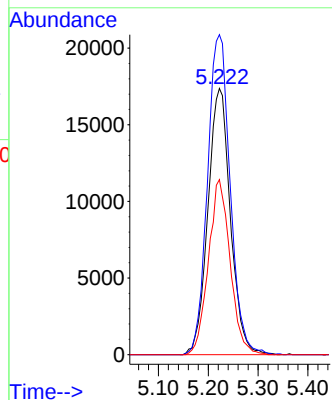
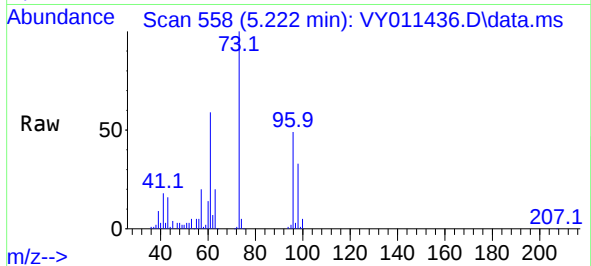




#21  
trans-1,2-Dichloroethene  
Concen: 20.175 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

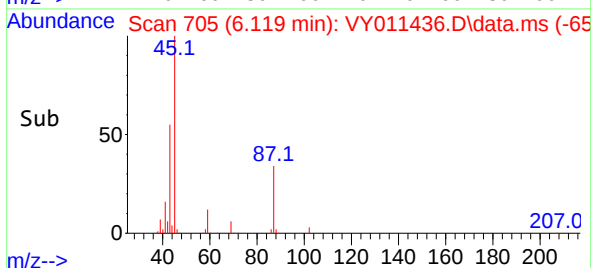
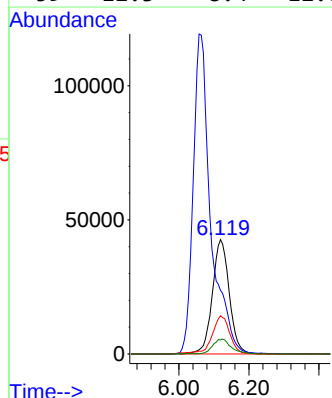
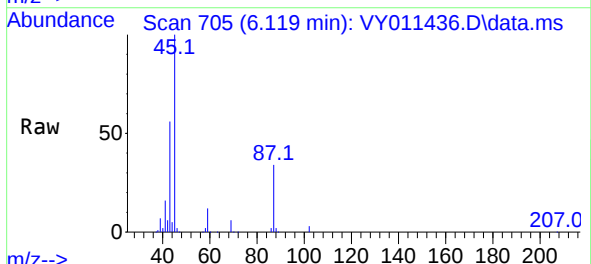
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

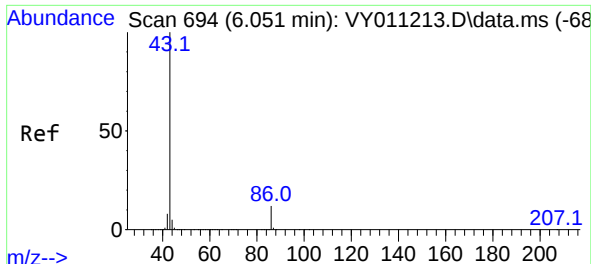
Tgt Ion: 96 Resp: 54500  
Ion Ratio Lower Upper  
96 100  
61 120.2 120.5 180.7#  
98 65.8 49.8 74.8



#22  
Diisopropyl ether  
Concen: 20.989 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 45 Resp: 143221  
Ion Ratio Lower Upper  
45 100  
43 55.2 49.3 73.9  
87 33.5 19.2 28.8#  
59 12.3 8.4 12.6

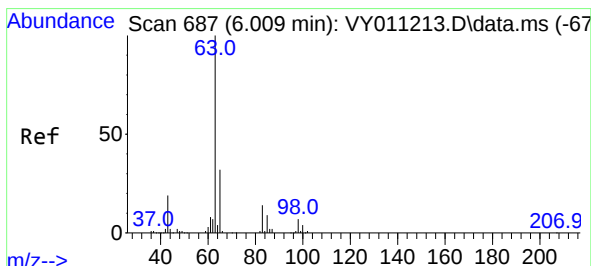
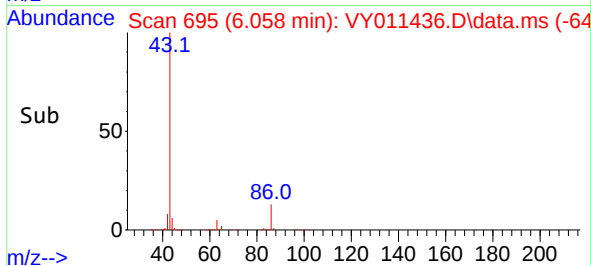
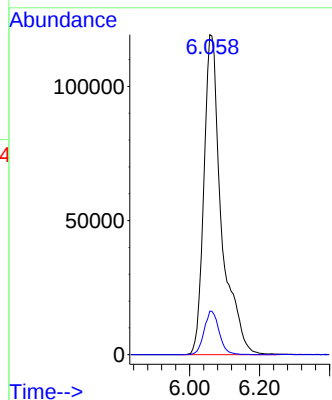
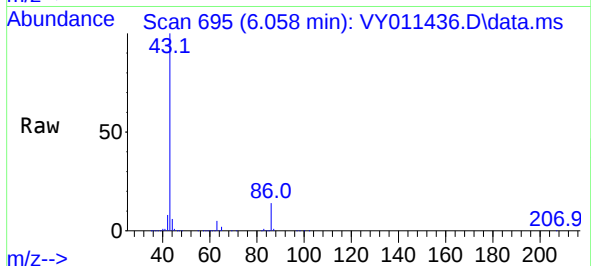




#23  
 Vinyl Acetate  
 Concen: 104.177 ug/l  
 RT: 6.058 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: VY011436.D  
 Acq: 14 Nov 2022 13:54

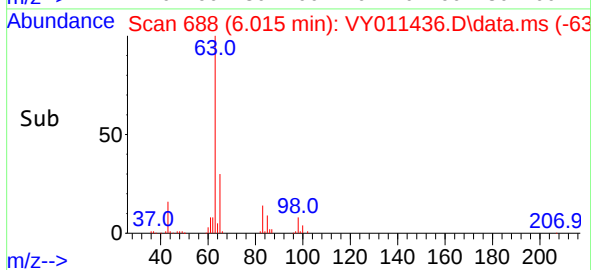
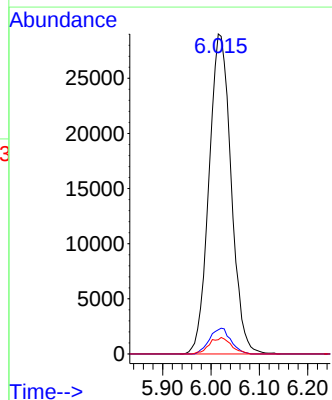
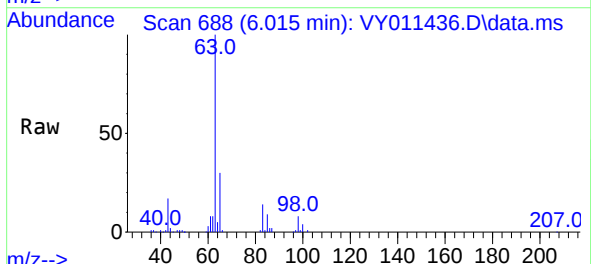
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1114SBS01

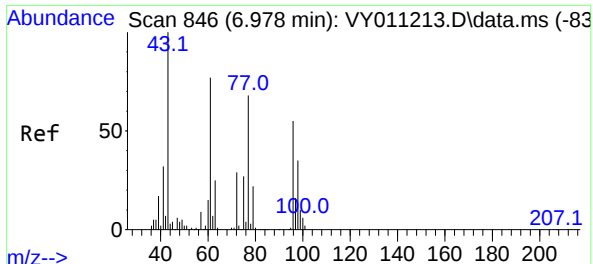
Tgt Ion: 43 Resp: 415874  
 Ion Ratio Lower Upper  
 43 100  
 86 13.6 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 20.769 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.000 min  
 Lab File: VY011436.D  
 Acq: 14 Nov 2022 13:54

Tgt Ion: 63 Resp: 92288  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.6 10.8  
 100 4.4 2.0 5.8

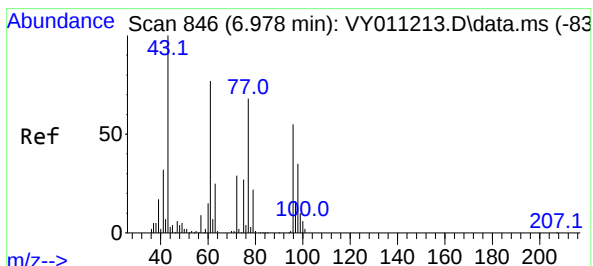
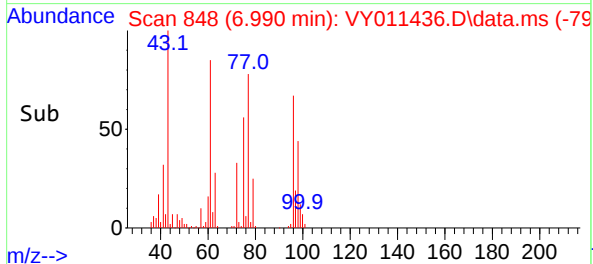
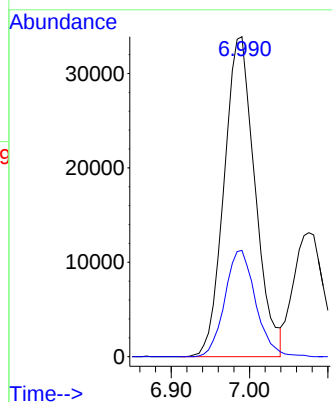
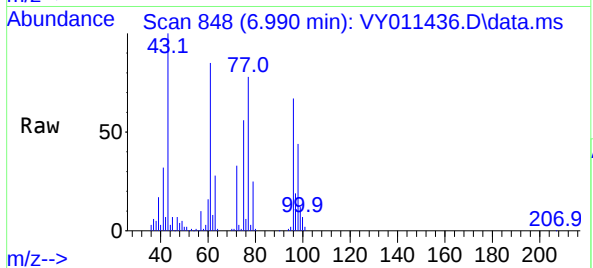




#25  
2-Butanone  
Concen: 111.832 ug/l  
RT: 6.990 min Scan# 847  
Delta R.T. 0.012 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

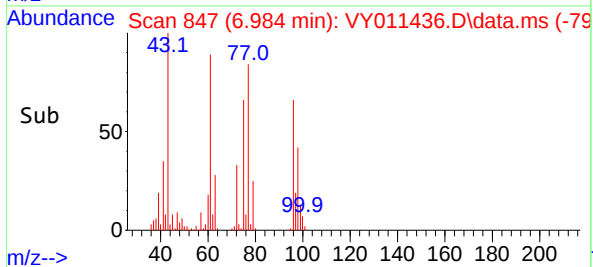
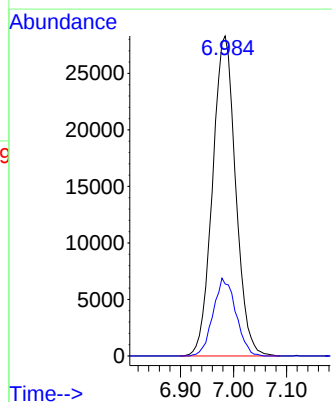
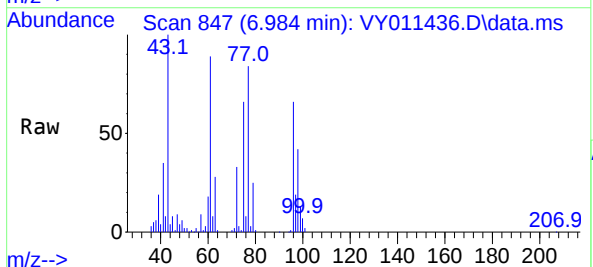
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

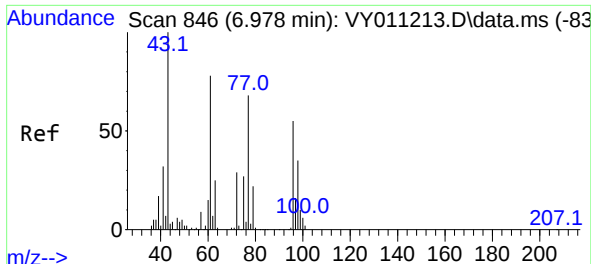
Tgt Ion: 43 Resp: 93008  
Ion Ratio Lower Upper  
43 100  
72 33.2 17.7 26.5#



#26  
2,2-Dichloropropane  
Concen: 20.623 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 77 Resp: 85700  
Ion Ratio Lower Upper  
77 100  
97 23.9 10.4 31.4

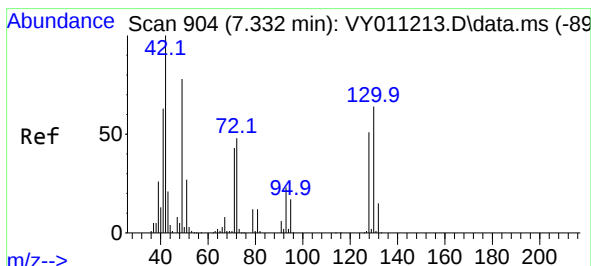
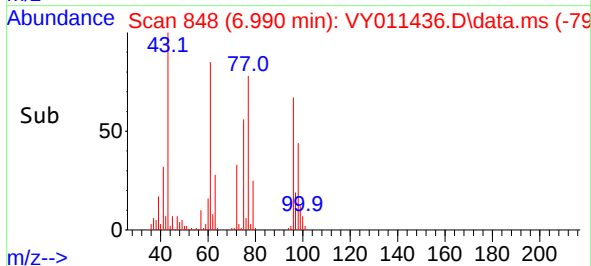
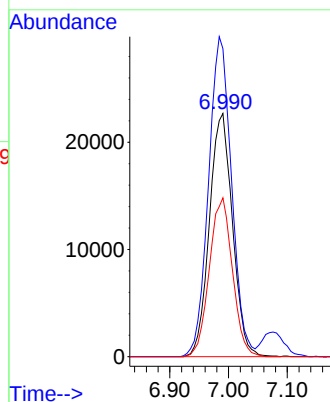
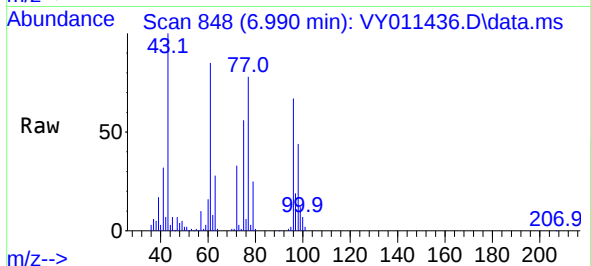




#27  
cis-1,2-Dichloroethene  
Concen: 20.425 ug/l  
RT: 6.990 min Scan# 846  
Delta R.T. 0.012 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

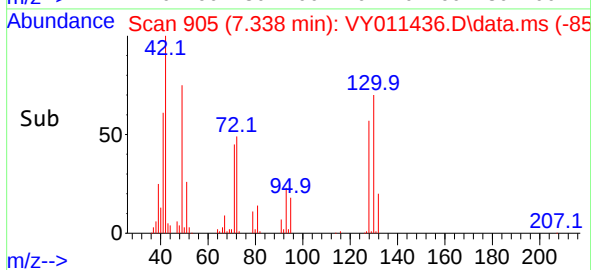
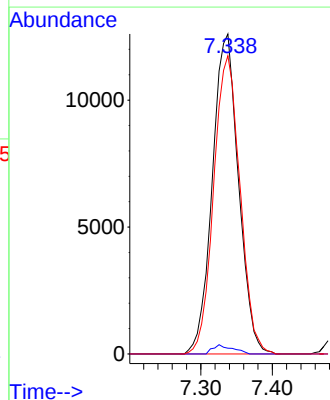
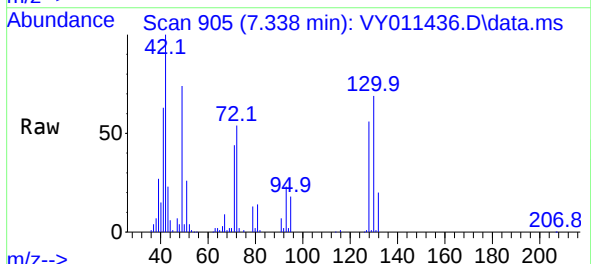
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

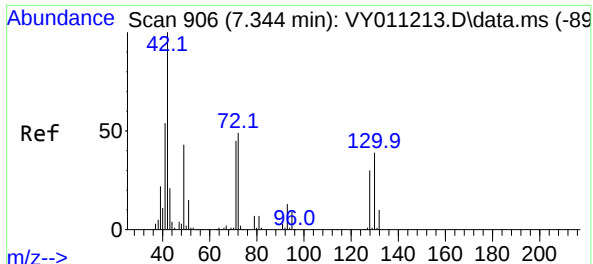
Tgt Ion: 96 Resp: 62095  
Ion Ratio Lower Upper  
96 100  
61 131.0 0.0 319.8  
98 65.1 0.0 127.0



#28  
Bromochloromethane  
Concen: 19.873 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 49 Resp: 32069  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 2.2  
130 93.6 55.4 83.0#

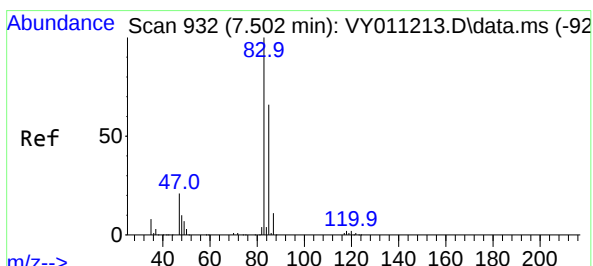
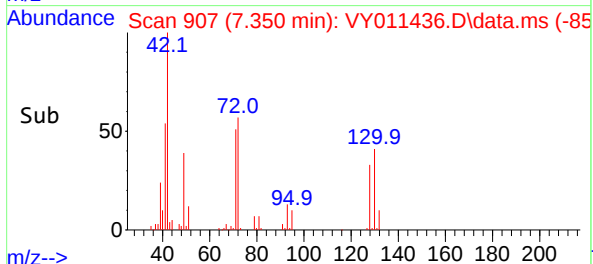
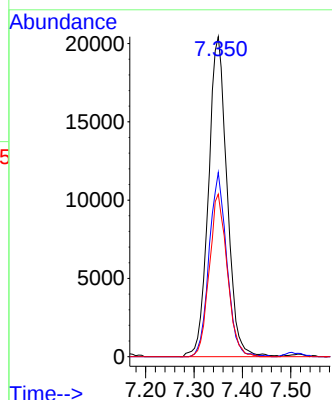
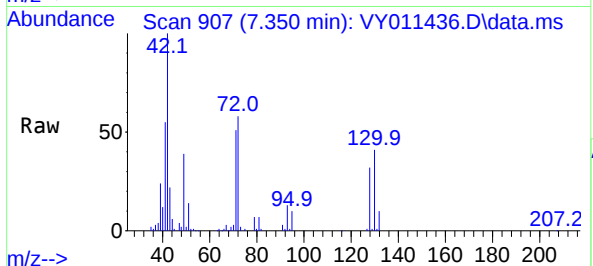




#29  
Tetrahydrofuran  
Concen: 108.197 ug/l  
RT: 7.350 min Scan# 906  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

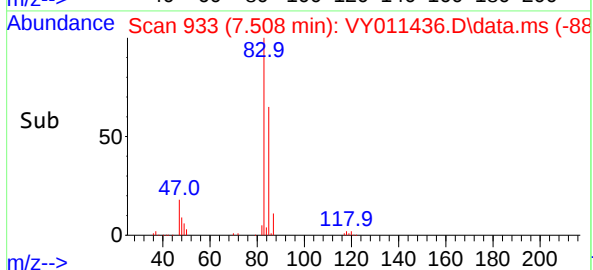
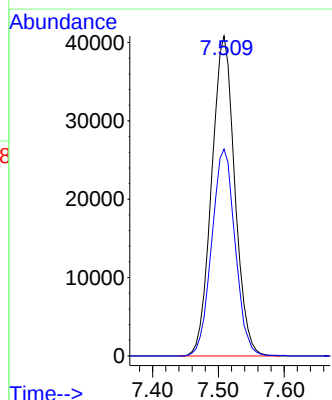
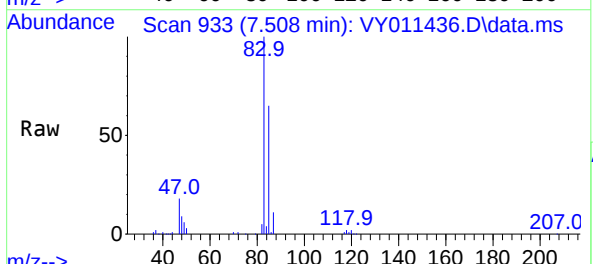
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

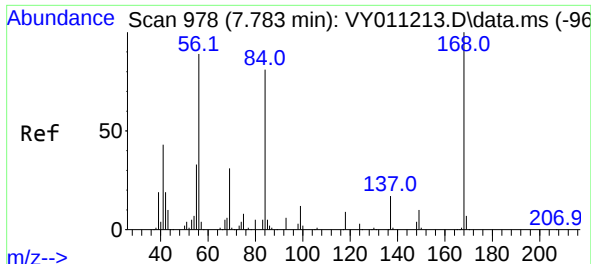
Tgt Ion: 42 Resp: 54508  
Ion Ratio Lower Upper  
42 100  
72 54.5 30.3 45.5#  
71 49.0 29.0 43.4#



#30  
Chloroform  
Concen: 21.219 ug/l  
RT: 7.508 min Scan# 933  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 83 Resp: 99721  
Ion Ratio Lower Upper  
83 100  
85 64.7 51.8 77.6

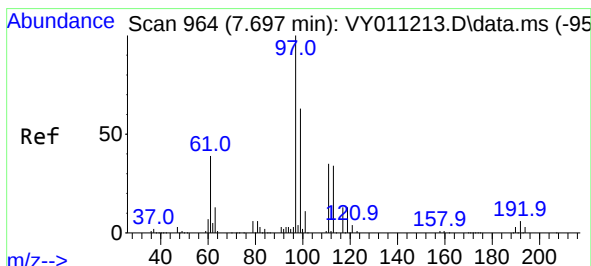
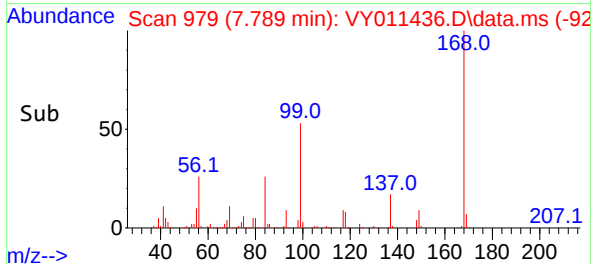
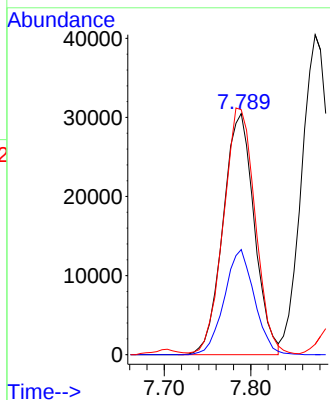
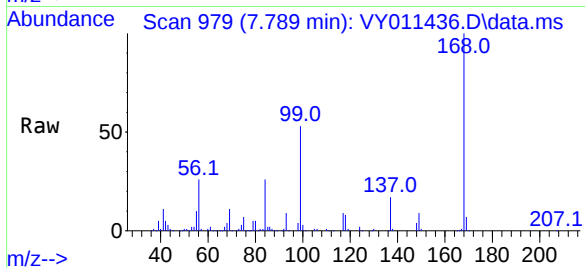




#31  
Cyclohexane  
Concen: 19.229 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

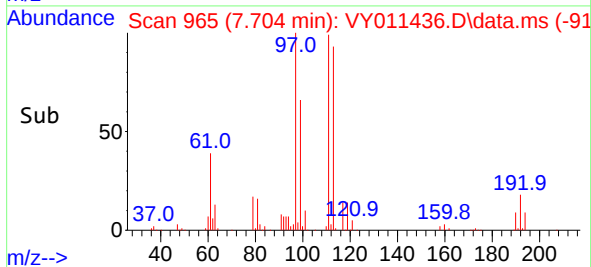
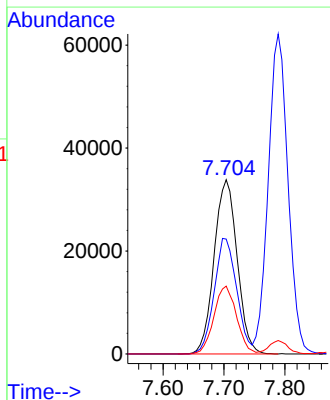
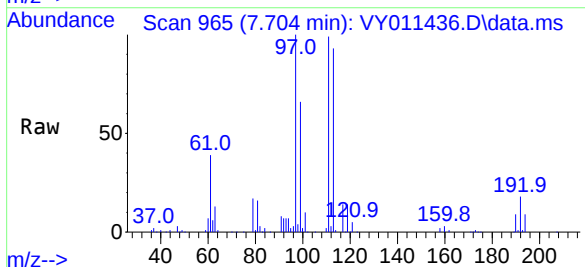
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

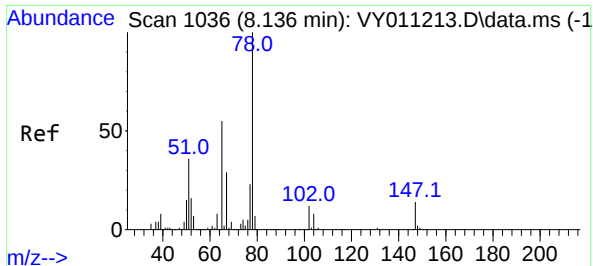
Tgt Ion: 56 Resp: 76452  
Ion Ratio Lower Upper  
56 100  
69 43.6 26.7 40.1#  
84 100.5 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 20.883 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 97 Resp: 88765  
Ion Ratio Lower Upper  
97 100  
99 65.0 50.7 76.1  
61 38.3 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.956 ug/l

RT: 8.143 min Scan# 1105

Delta R.T. 0.007 min

Lab File: VY011436.D

Acq: 14 Nov 2022 13:54

Instrument :

MSVOA\_Y

ClientSampleId :

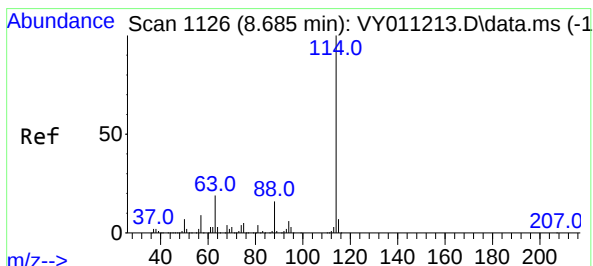
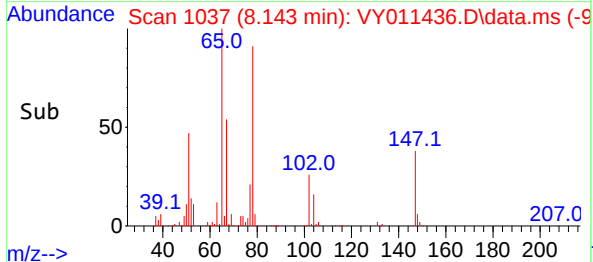
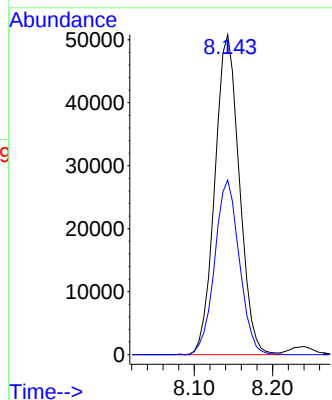
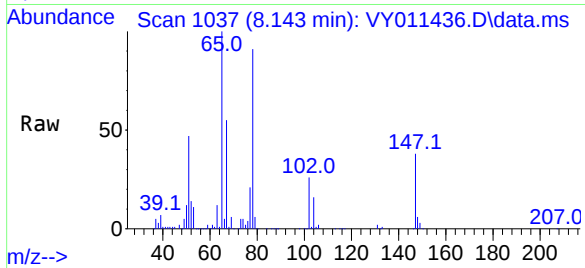
VY1114SBS01

Tgt Ion: 65 Resp: 110534

Ion Ratio Lower Upper

65 100

67 54.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011436.D

Acq: 14 Nov 2022 13:54

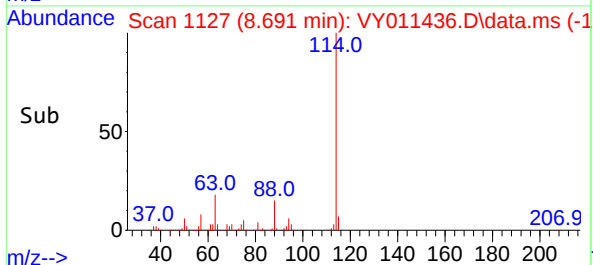
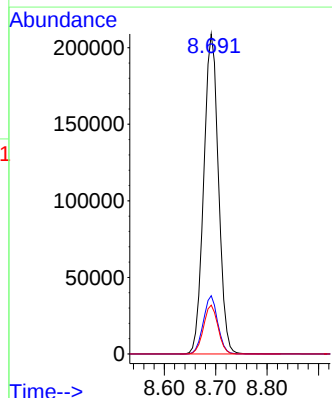
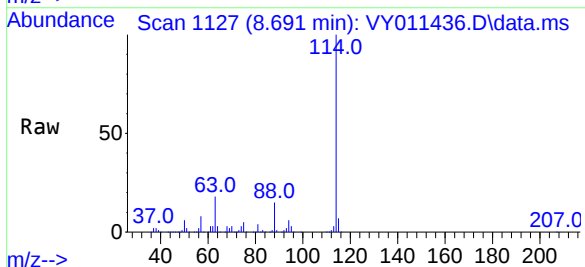
Tgt Ion: 114 Resp: 414531

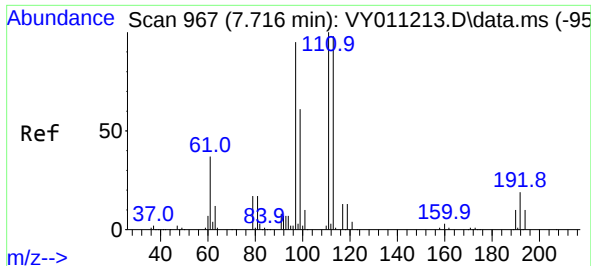
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.3 0.0 31.8

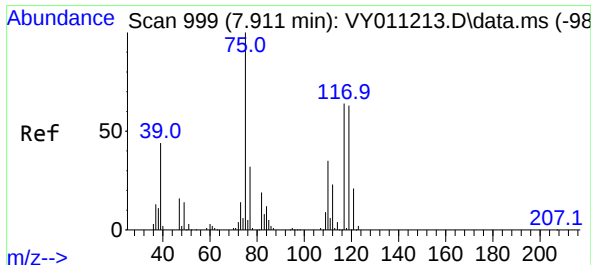
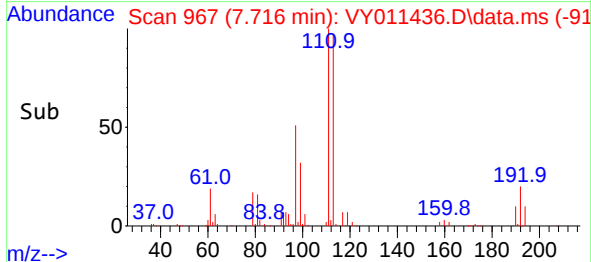
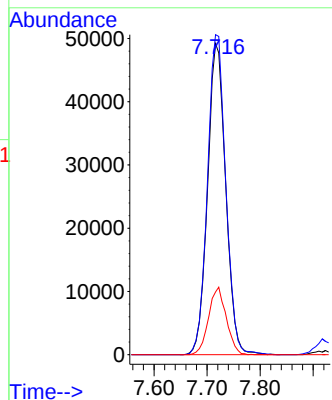
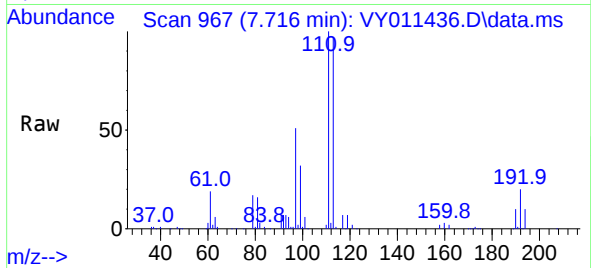




#35  
Dibromofluoromethane  
Concen: 50.343 ug/l  
RT: 7.716 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

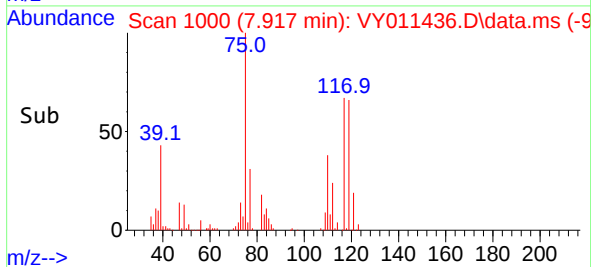
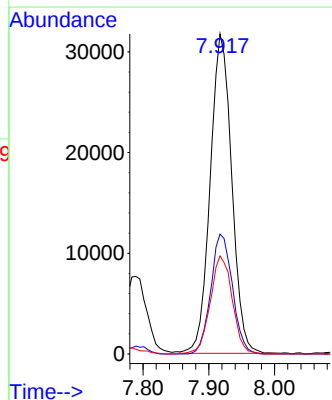
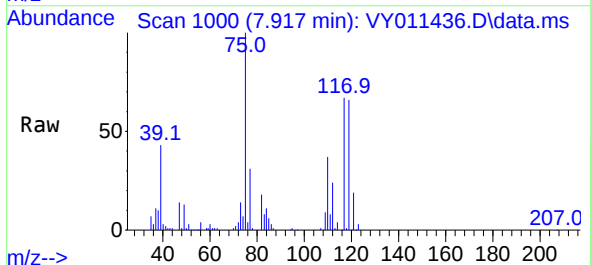
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

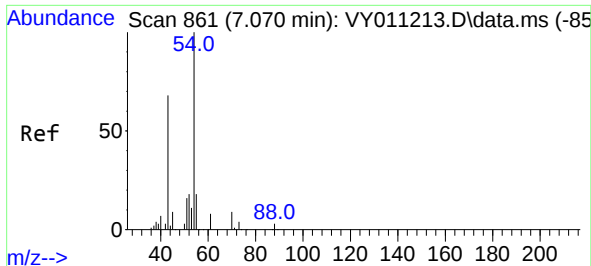
Tgt Ion:113 Resp: 116953  
Ion Ratio Lower Upper  
113 100  
111 103.8 82.6 124.0  
192 21.2 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 19.999 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 75 Resp: 72110  
Ion Ratio Lower Upper  
75 100  
110 37.8 17.1 51.2  
77 31.4 24.4 36.6

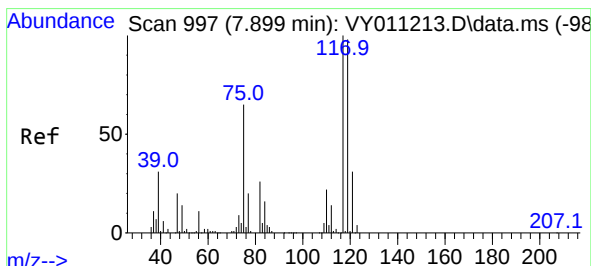
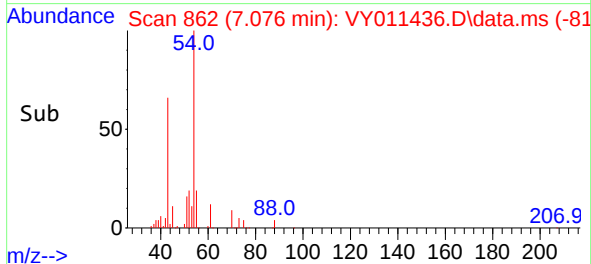
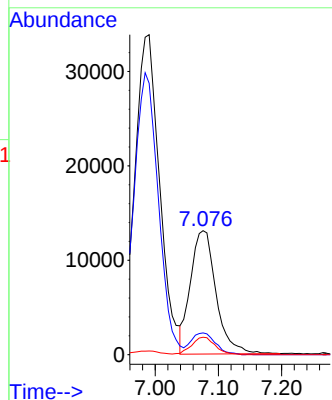
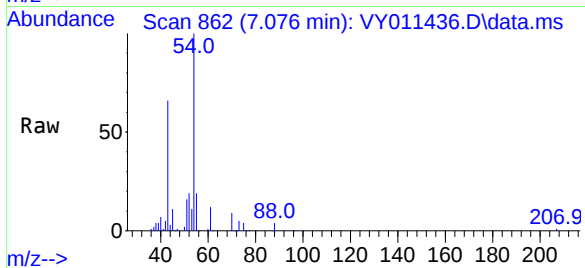




#37  
Ethyl Acetate  
Concen: 21.243 ug/l  
RT: 7.076 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

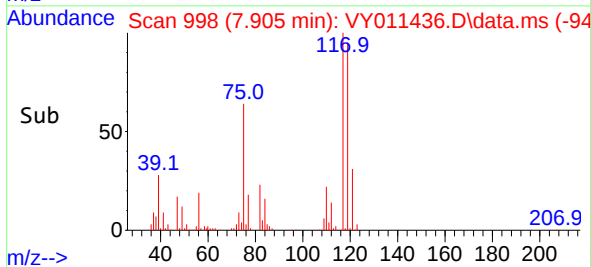
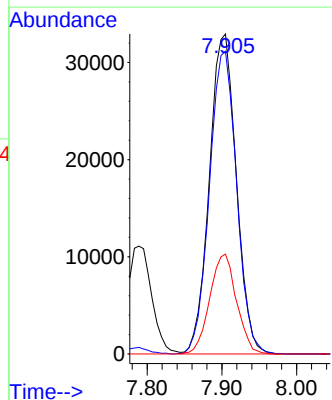
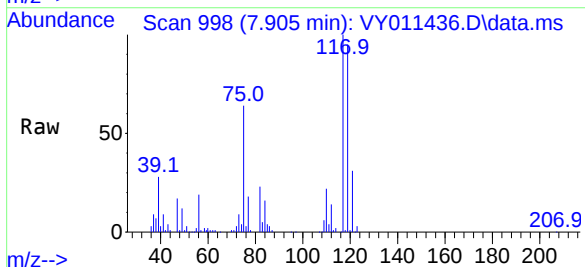
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

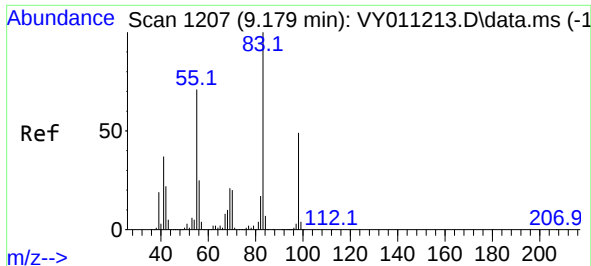
Tgt Ion: 43 Resp: 36793  
Ion Ratio Lower Upper  
43 100  
61 16.6 9.7 14.5#  
70 13.2 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 21.079 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 117 Resp: 82672  
Ion Ratio Lower Upper  
117 100  
119 94.4 77.9 116.9  
121 31.2 24.8 37.2





#39

Methylcyclohexane

Concen: 19.807 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY011436.D

Acq: 14 Nov 2022 13:54

Instrument :

MSVOA\_Y

ClientSampleId :

VY1114SBS01

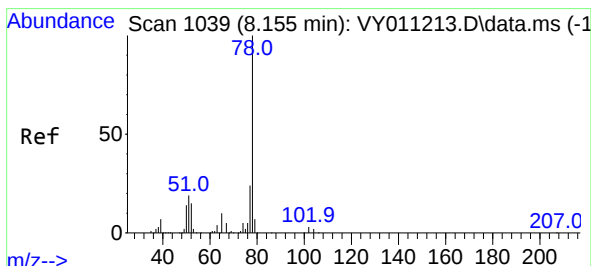
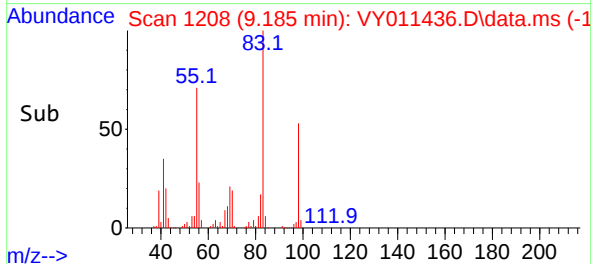
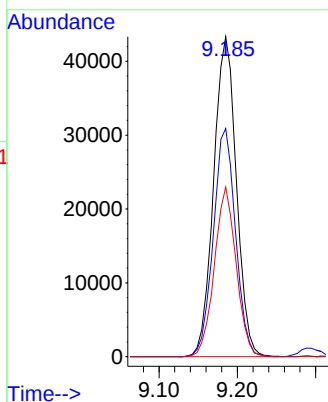
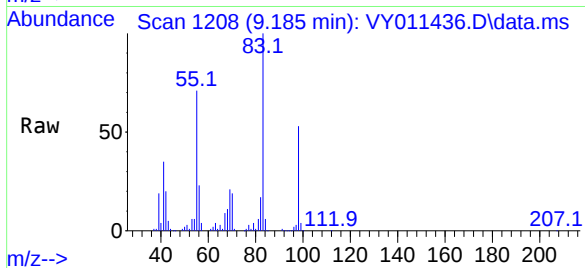
Tgt Ion: 83 Resp: 87265

Ion Ratio Lower Upper

83 100

55 71.3 66.5 99.7

98 53.0 37.9 56.9



#40

Benzene

Concen: 20.711 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY011436.D

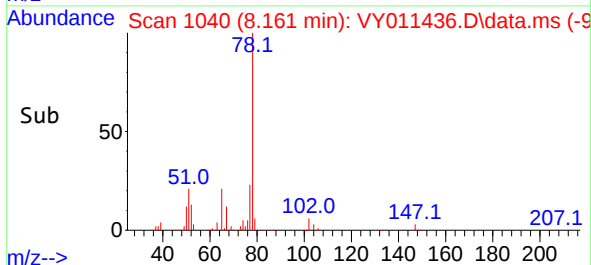
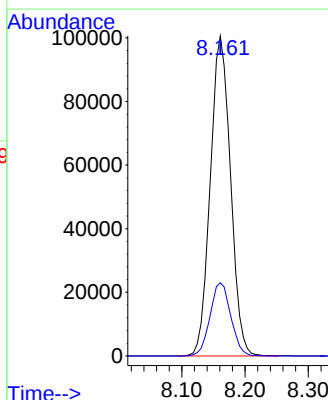
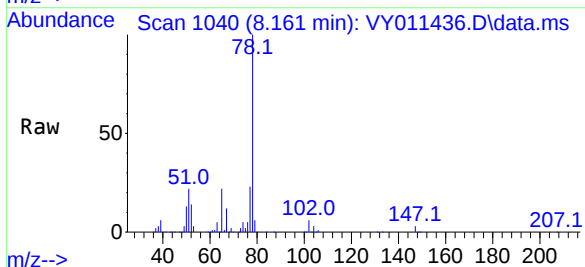
Acq: 14 Nov 2022 13:54

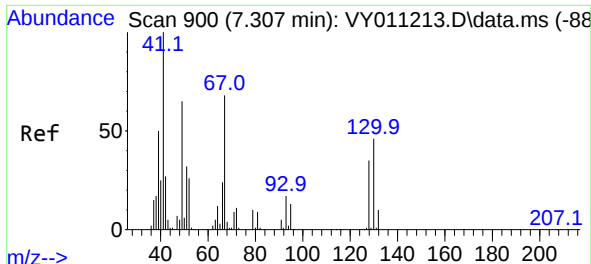
Tgt Ion: 78 Resp: 223005

Ion Ratio Lower Upper

78 100

77 22.9 20.4 30.6

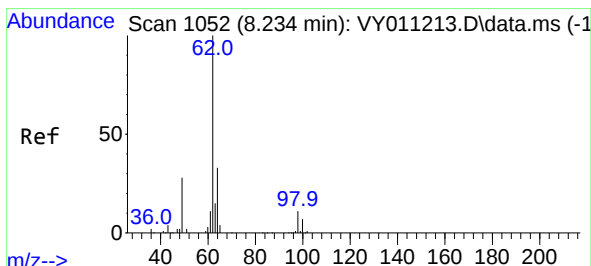
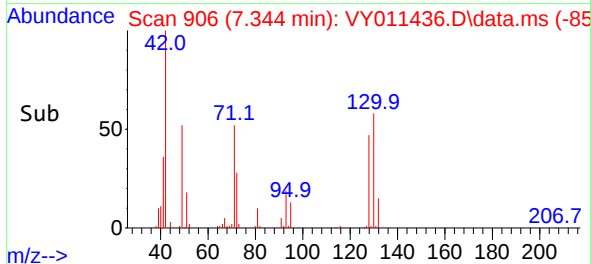
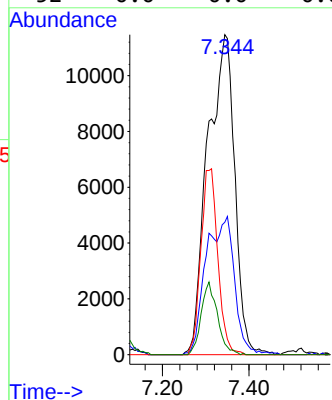
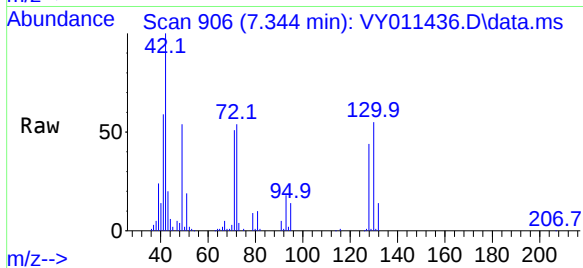




#41  
Methacrylonitrile  
Concen: 55.474 ug/l  
RT: 7.344 min Scan# 90  
Delta R.T. 0.037 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

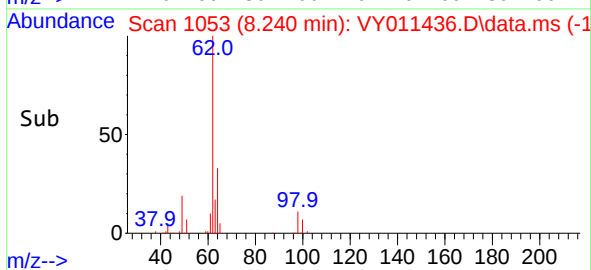
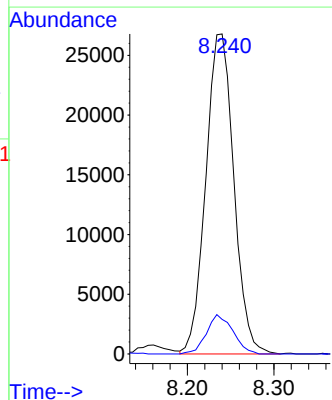
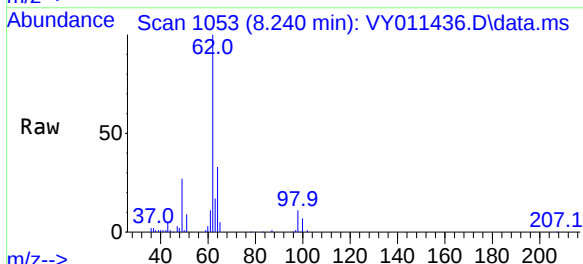
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

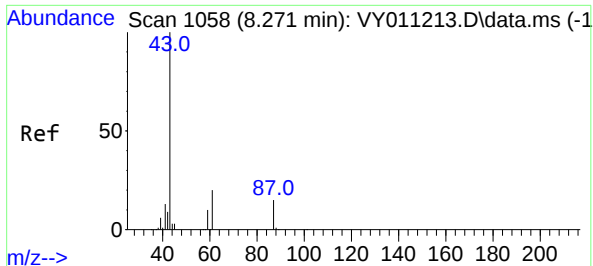
Tgt Ion: 41 Resp: 49754  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 21.366 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 62 Resp: 60288  
Ion Ratio Lower Upper  
62 100  
98 11.6 0.0 14.8





#43

Isopropyl Acetate

Concen: 21.143 ug/l

RT: 8.277 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VY011436.D

Acq: 14 Nov 2022 13:54

Instrument :

MSVOA\_Y

ClientSampleId :

VY1114SBS01

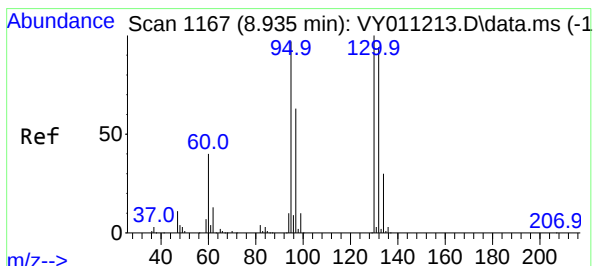
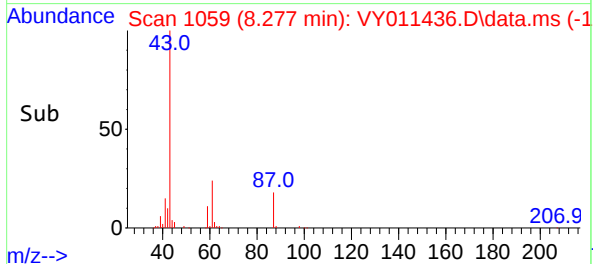
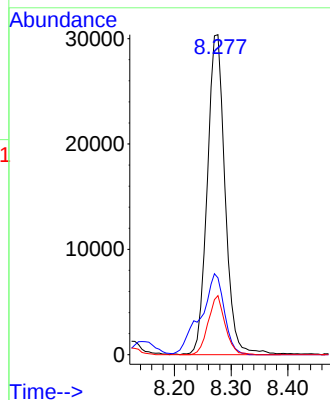
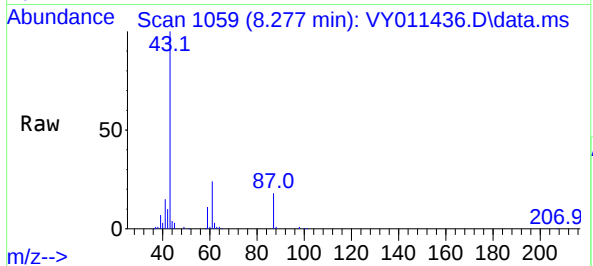
Tgt Ion: 43 Resp: 66064

Ion Ratio Lower Upper

43 100

61 33.7 20.2 30.2#

87 17.5 8.9 13.3#



#44

Trichloroethene

Concen: 20.491 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY011436.D

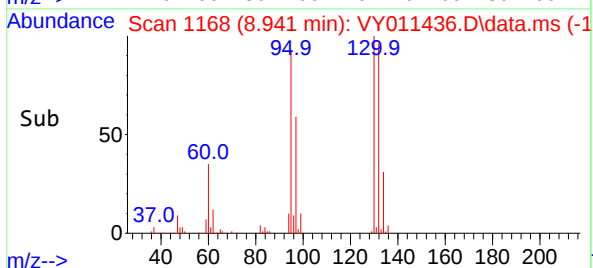
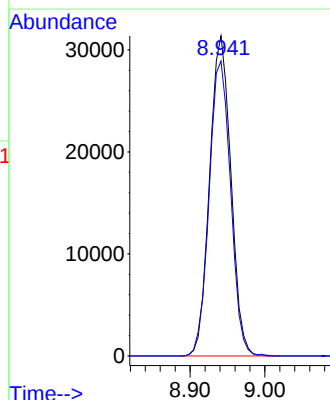
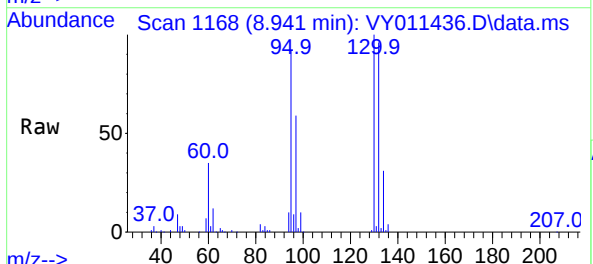
Acq: 14 Nov 2022 13:54

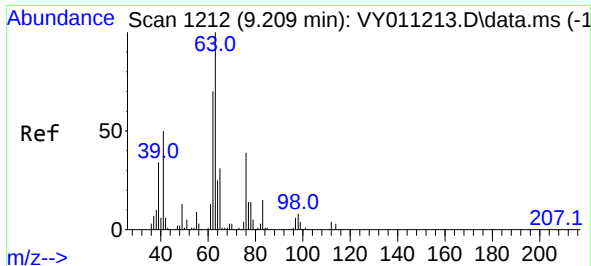
Tgt Ion: 130 Resp: 61978

Ion Ratio Lower Upper

130 100

95 92.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 21.026 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011436.D

Acq: 14 Nov 2022 13:54

Instrument :

MSVOA\_Y

ClientSampleId :

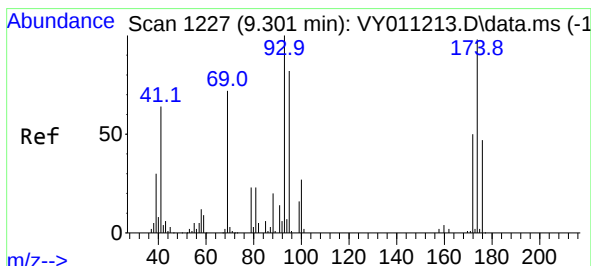
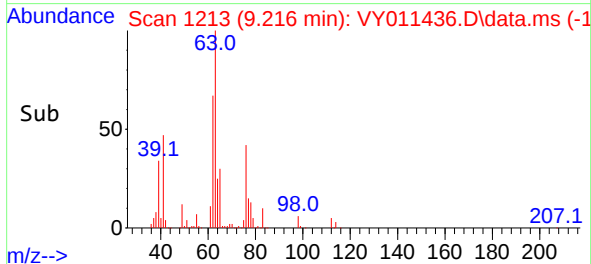
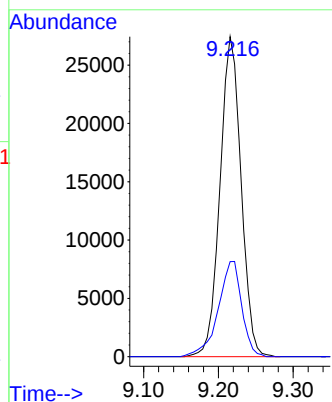
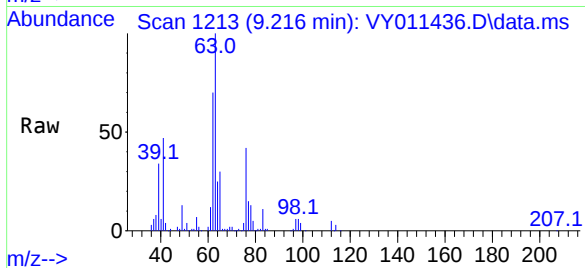
VY1114SBS01

Tgt Ion: 63 Resp: 53880

Ion Ratio Lower Upper

63 100

65 29.7 23.0 34.6



#46

Dibromomethane

Concen: 21.668 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY011436.D

Acq: 14 Nov 2022 13:54

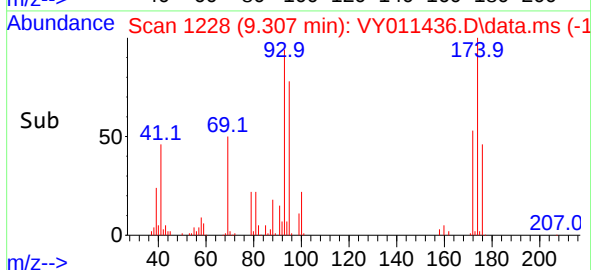
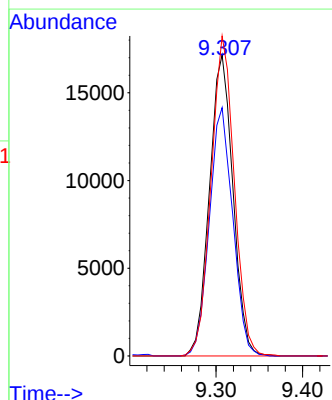
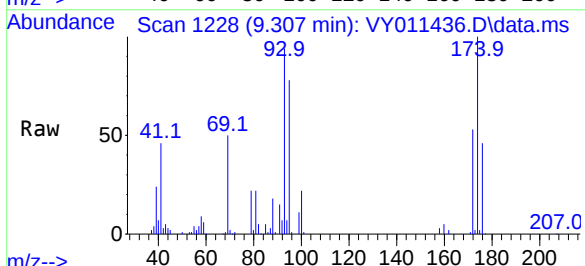
Tgt Ion: 93 Resp: 32329

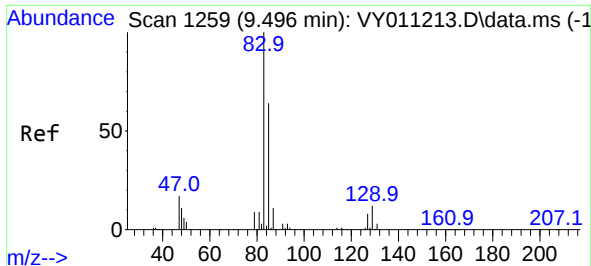
Ion Ratio Lower Upper

93 100

95 82.1 64.3 96.5

174 105.3 83.4 125.0

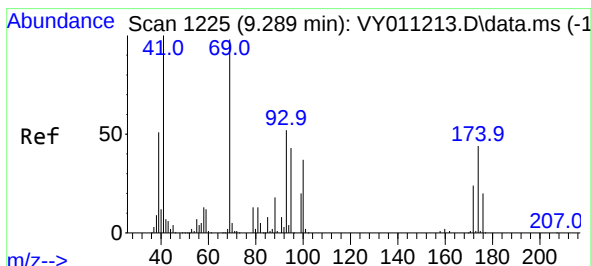
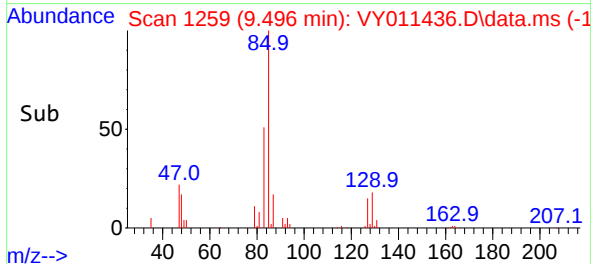
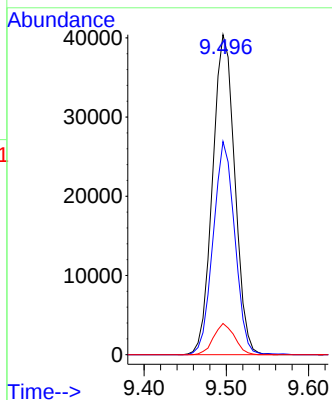
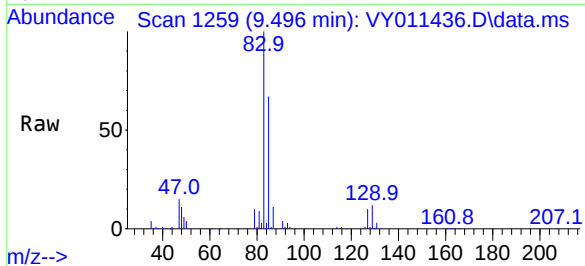




#47  
Bromodichloromethane  
Concen: 21.193 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

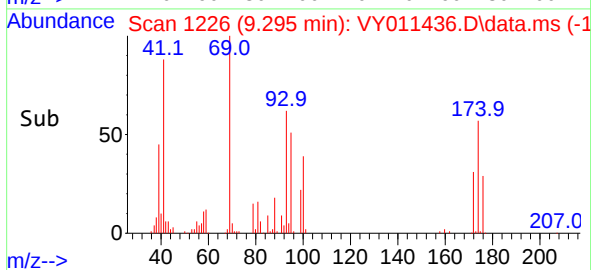
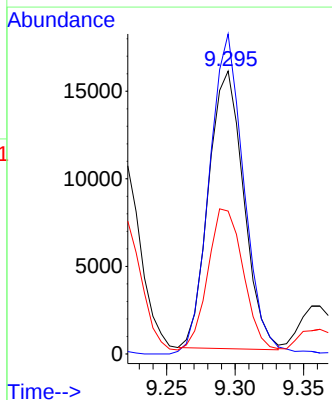
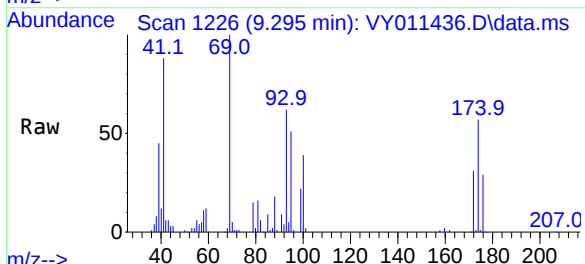
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

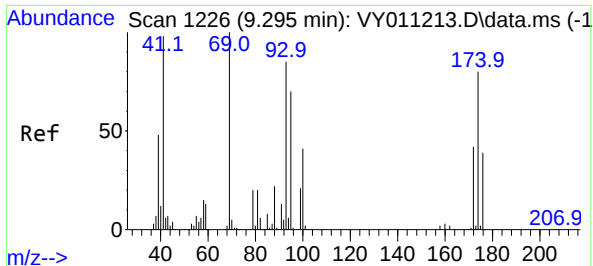
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 75760 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 66.6  | 51.9  | 77.9  |
| 127      | 9.8   | 6.6   | 10.0  |



#48  
Methyl methacrylate  
Concen: 20.151 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 28295 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 113.8 | 58.2  | 87.2  |
| 39       | 52.0  | 47.4  | 71.0  |





#49

1,4-Dioxane

Concen: 436.004 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY011436.D

Acq: 14 Nov 2022 13:54

Instrument :

MSVOA\_Y

ClientSampleId :

VY1114SBS01

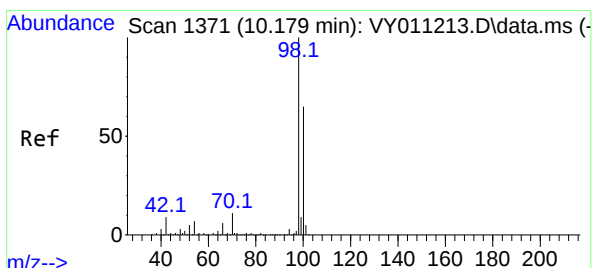
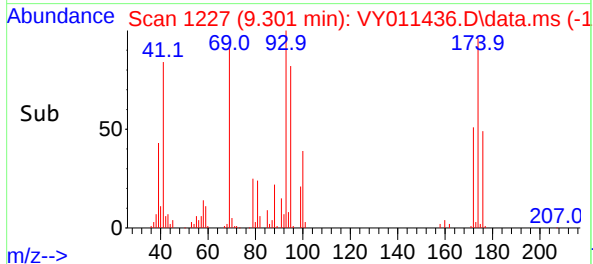
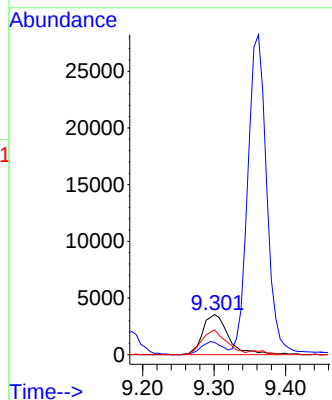
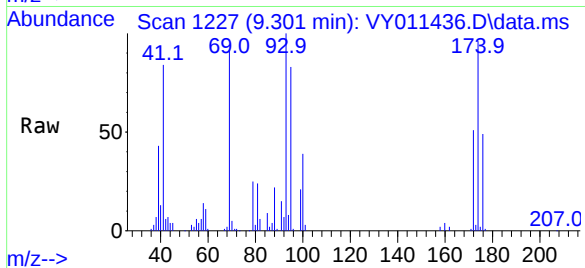
Tgt Ion: 88 Resp: 8881

Ion Ratio Lower Upper

88 100

43 27.1 32.8 49.2#

58 58.5 59.8 89.6#



#50

Toluene-d8

Concen: 48.417 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011436.D

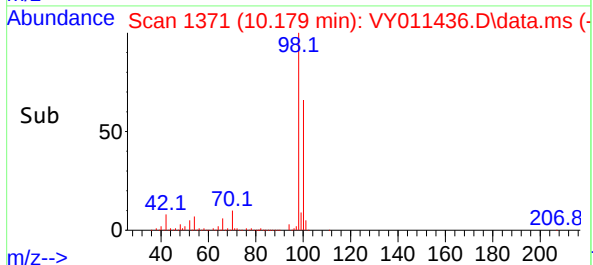
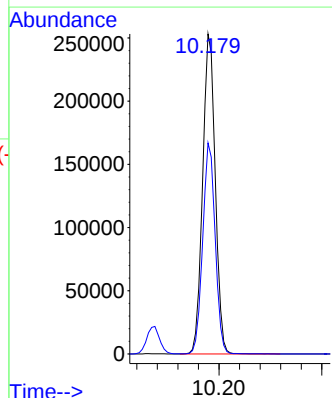
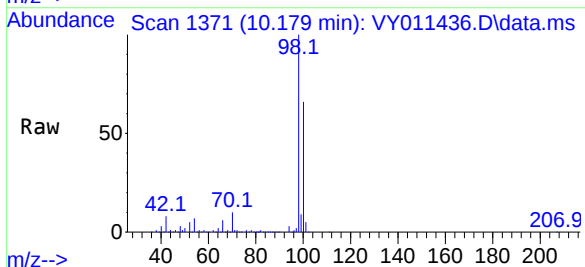
Acq: 14 Nov 2022 13:54

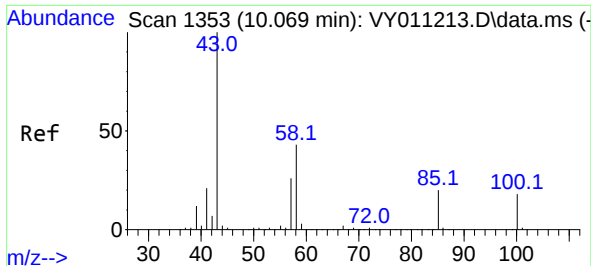
Tgt Ion: 98 Resp: 429702

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 110.807 ug/l

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011436.D

Acq: 14 Nov 2022 13:54

Instrument :

MSVOA\_Y

ClientSampleId :

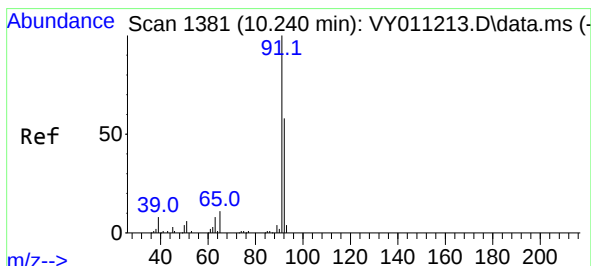
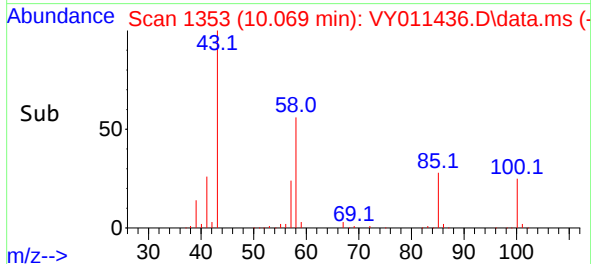
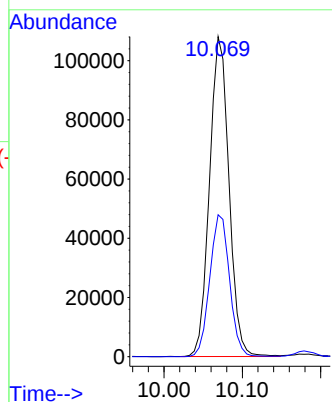
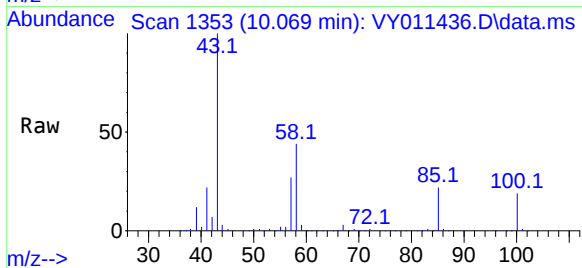
VY1114SBS01

Tgt Ion: 43 Resp: 186183

Ion Ratio Lower Upper

43 100

58 45.1 28.1 42.1#



#52

Toluene

Concen: 20.870 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY011436.D

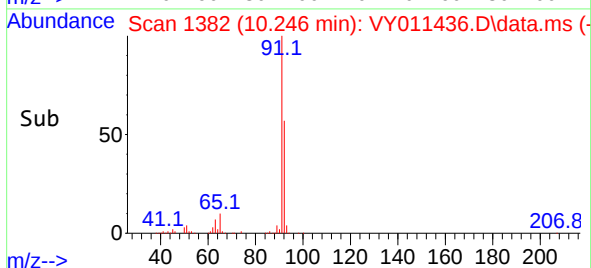
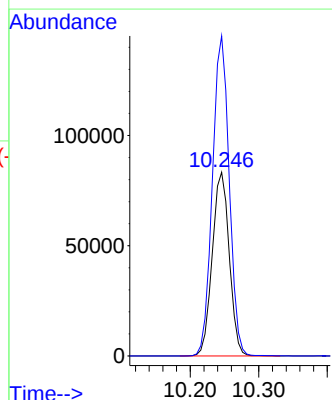
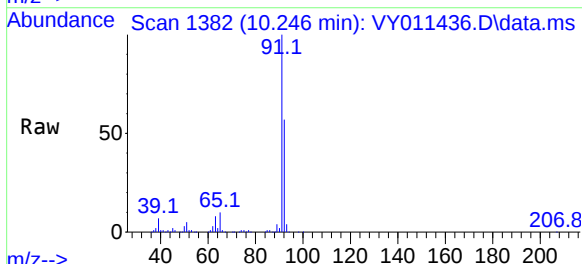
Acq: 14 Nov 2022 13:54

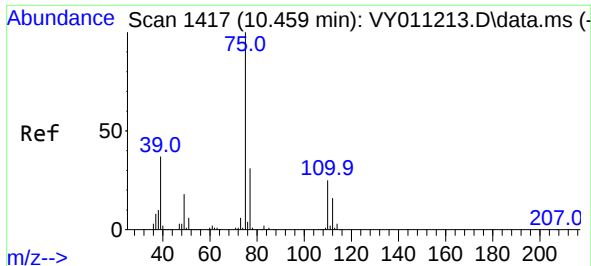
Tgt Ion: 92 Resp: 143496

Ion Ratio Lower Upper

92 100

91 172.4 142.6 213.8

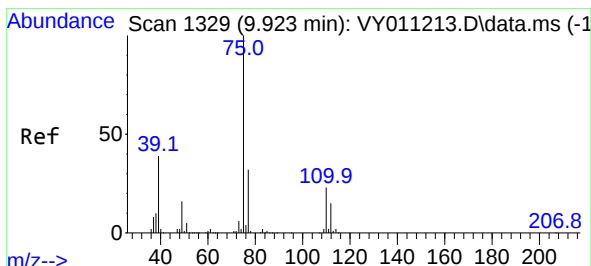
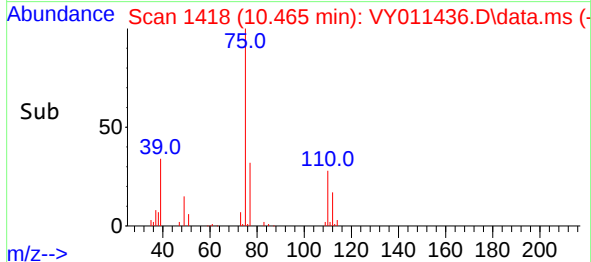
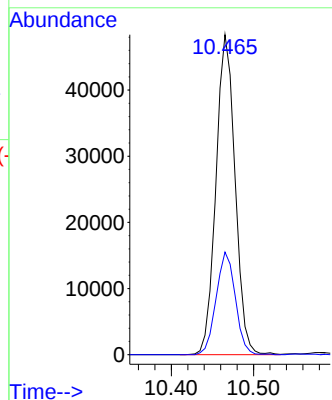
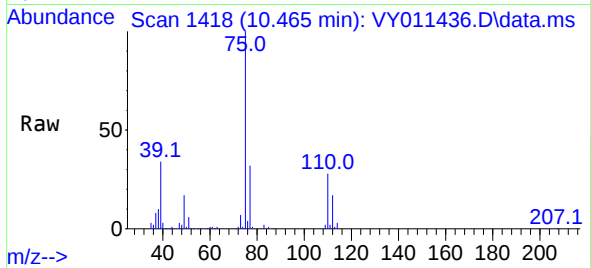




#53  
 t-1,3-Dichloropropene  
 Concen: 21.223 ug/l  
 RT: 10.465 min Scan# 1417  
 Delta R.T. 0.000 min  
 Lab File: VY011436.D  
 Acq: 14 Nov 2022 13:54

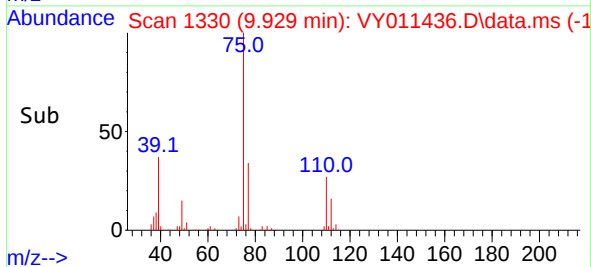
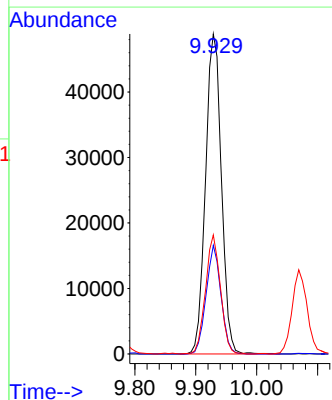
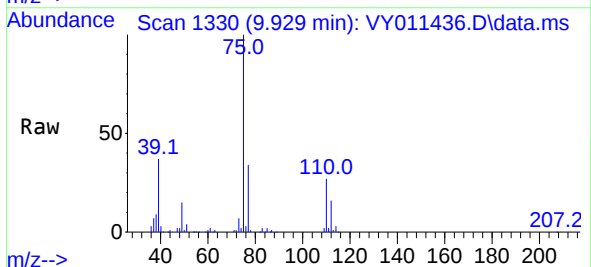
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1114SBS01

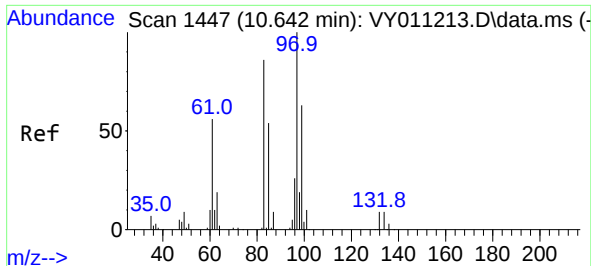
Tgt Ion: 75 Resp: 78227  
 Ion Ratio Lower Upper  
 75 100  
 77 32.0 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.770 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. 0.006 min  
 Lab File: VY011436.D  
 Acq: 14 Nov 2022 13:54

Tgt Ion: 75 Resp: 88359  
 Ion Ratio Lower Upper  
 75 100  
 77 34.0 25.6 38.4  
 39 37.2 47.6 71.4#

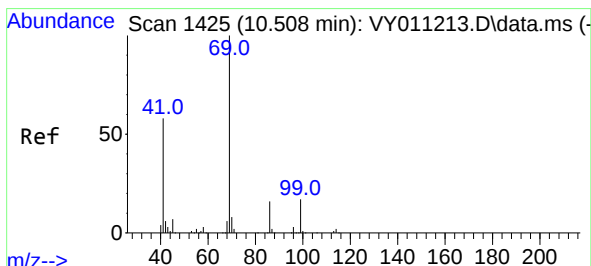
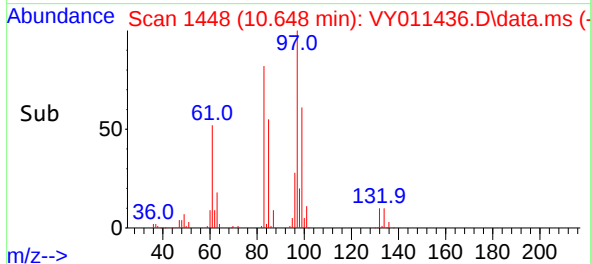
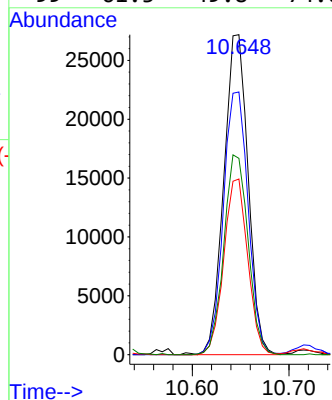
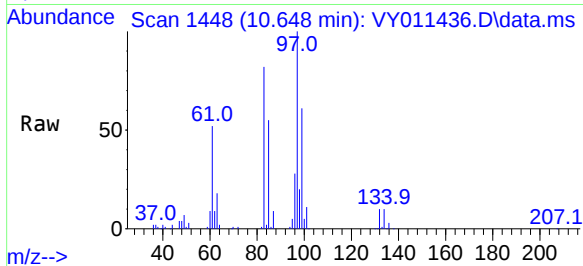




#55  
1,1,2-Trichloroethane  
Concen: 22.001 ug/l  
RT: 10.648 min Scan# 1447  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

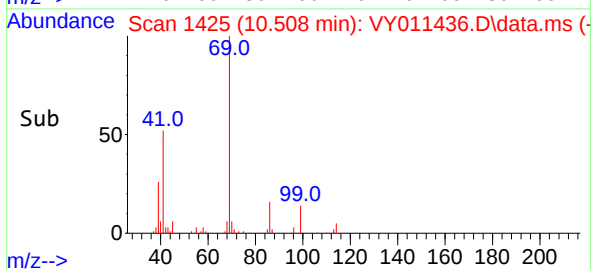
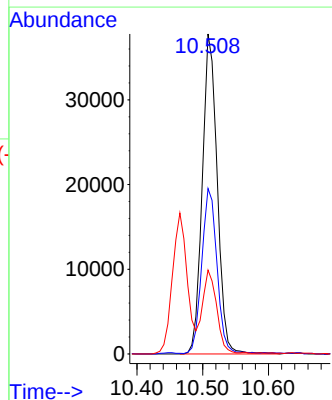
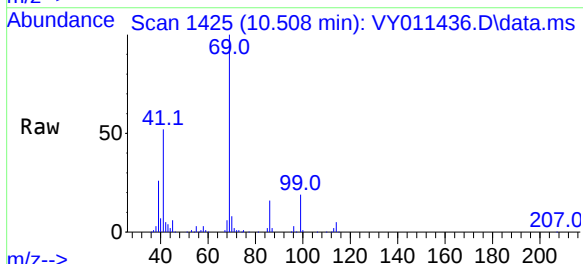
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

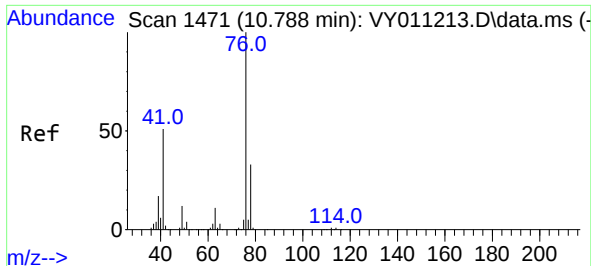
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 47535 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.1  | 69.8  | 104.8 |
| 85       | 54.9  | 44.3  | 66.5  |
| 99       | 61.3  | 49.8  | 74.6  |



#56  
Ethyl methacrylate  
Concen: 21.475 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 59667 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 52.5  | 63.4  | 95.0# |
| 39       | 24.3  | 35.8  | 53.8# |





#57

1,3-Dichloropropane

Concen: 21.542 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY011436.D

Acq: 14 Nov 2022 13:54

Instrument :

MSVOA\_Y

ClientSampleId :

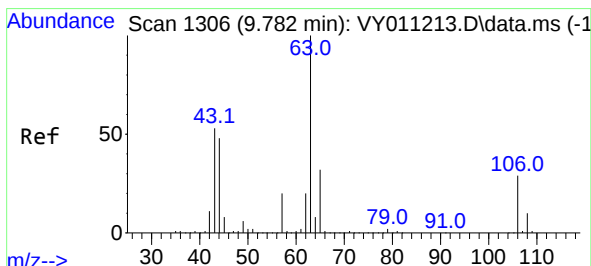
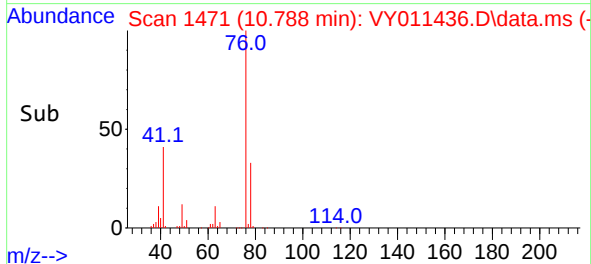
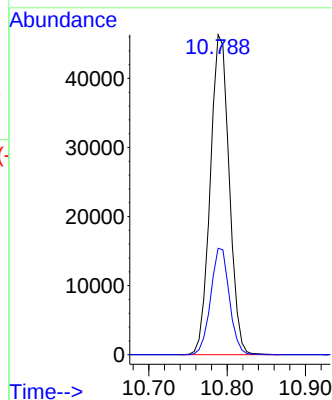
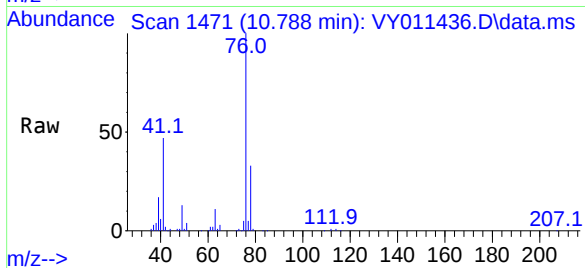
VY1114SBS01

Tgt Ion: 76 Resp: 77645

Ion Ratio Lower Upper

76 100

78 32.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 111.881 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY011436.D

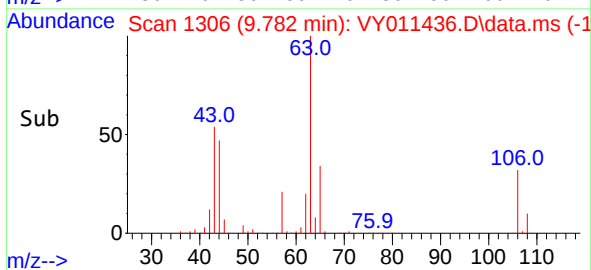
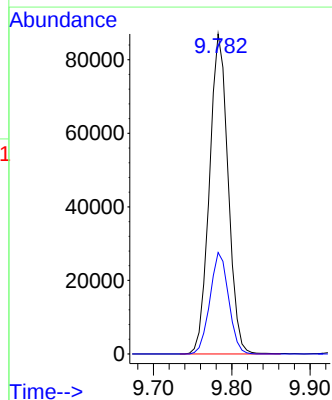
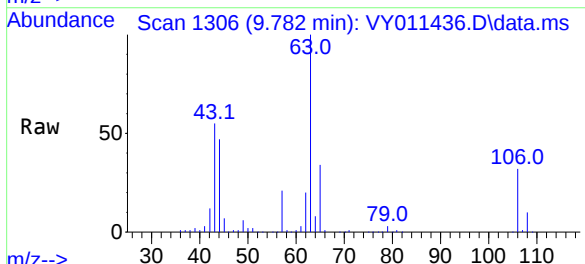
Acq: 14 Nov 2022 13:54

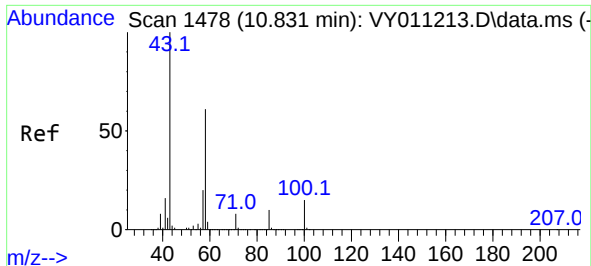
Tgt Ion: 63 Resp: 143691

Ion Ratio Lower Upper

63 100

106 31.7 21.5 32.3

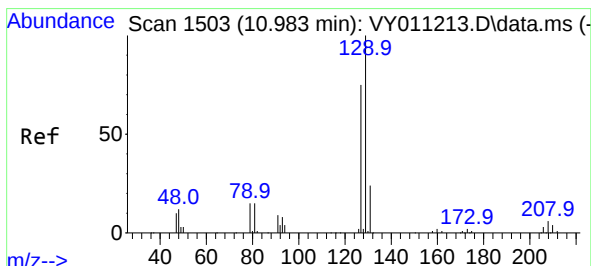
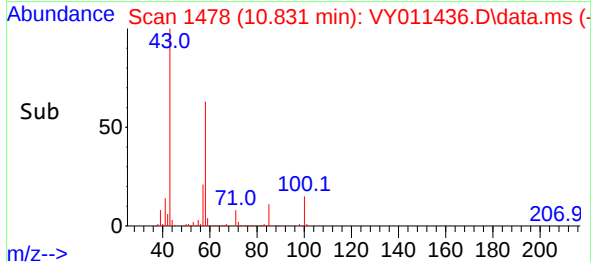
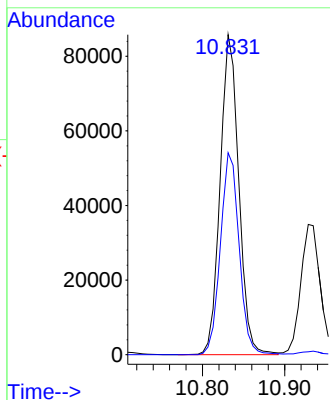
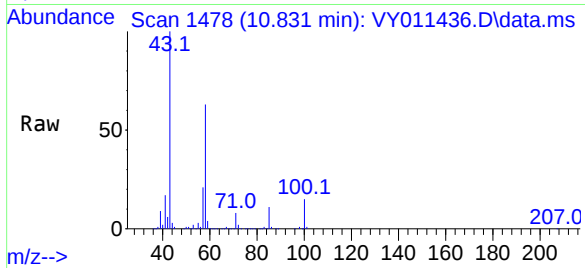




#59  
2-Hexanone  
Concen: 113.231 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

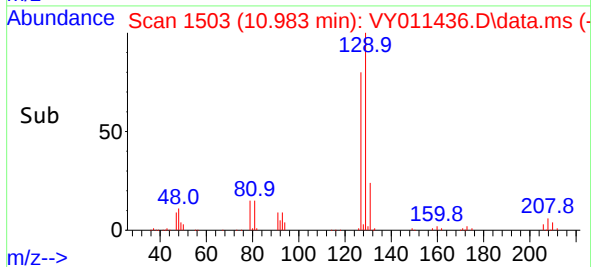
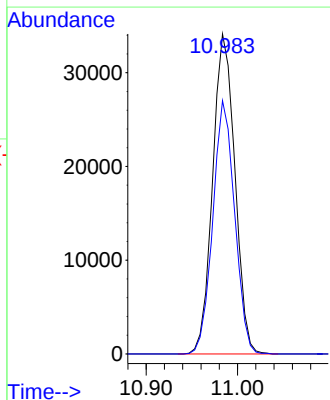
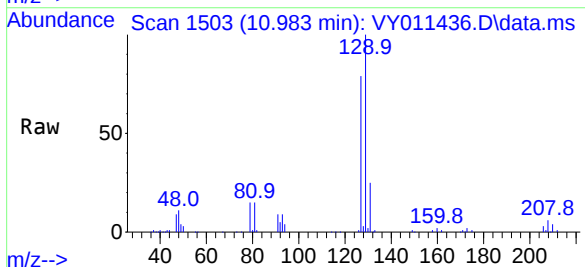
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

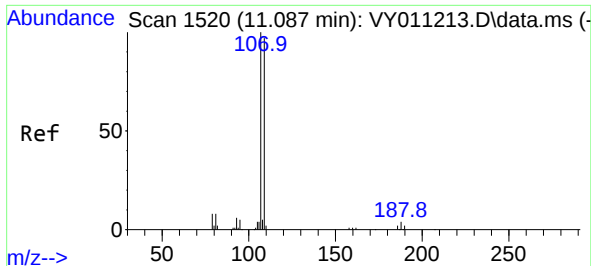
Tgt Ion: 43 Resp: 134781  
Ion Ratio Lower Upper  
43 100  
58 63.4 24.4 73.4



#60  
Dibromochloromethane  
Concen: 21.636 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.001 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 129 Resp: 57703  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.7 116.1

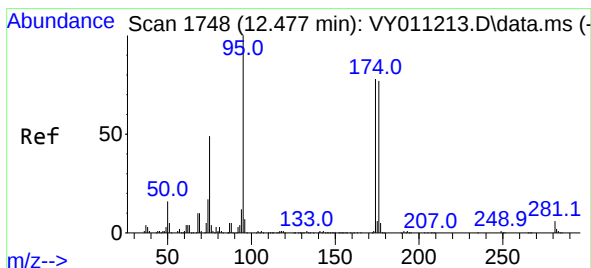
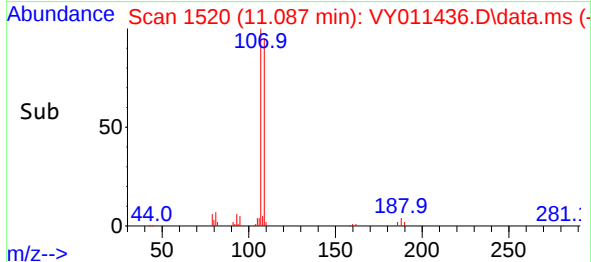
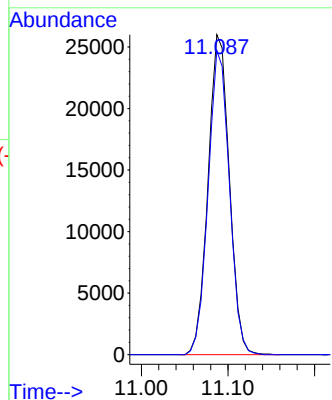
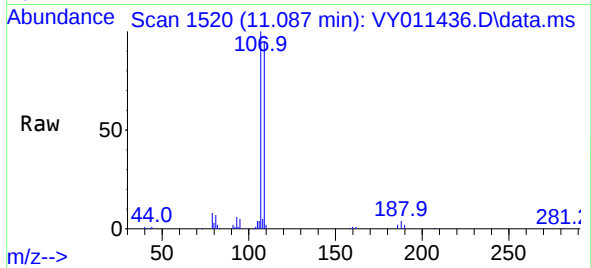




#61  
1,2-Dibromoethane  
Concen: 21.360 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

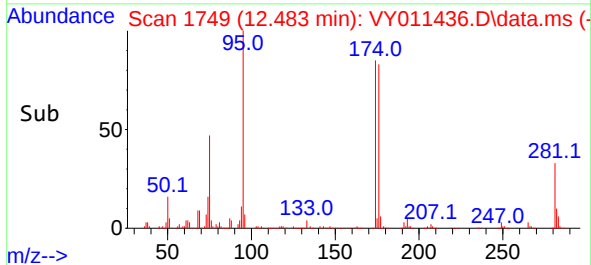
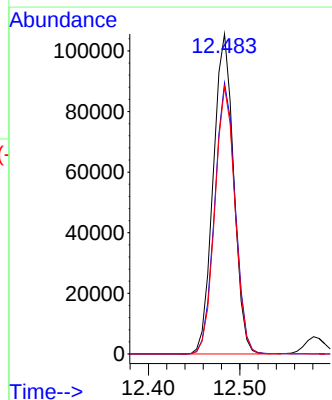
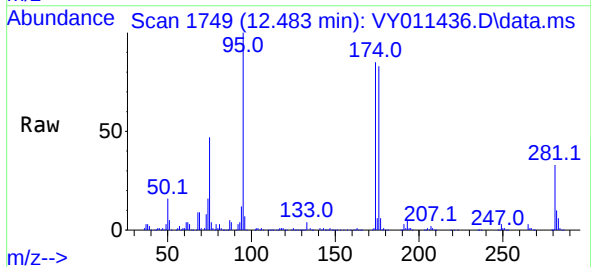
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

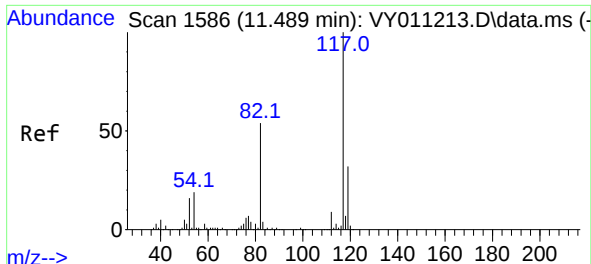
Tgt Ion:107 Resp: 44373  
Ion Ratio Lower Upper  
107 100  
109 94.6 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 52.838 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 95 Resp: 163562  
Ion Ratio Lower Upper  
95 100  
174 85.2 0.0 177.0  
176 82.5 0.0 175.8

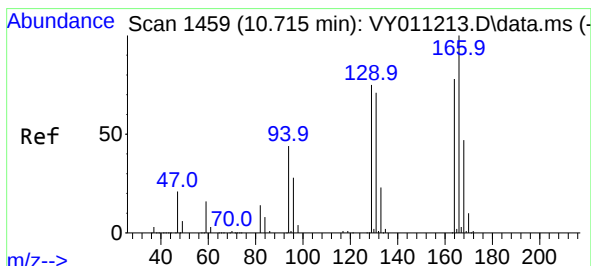
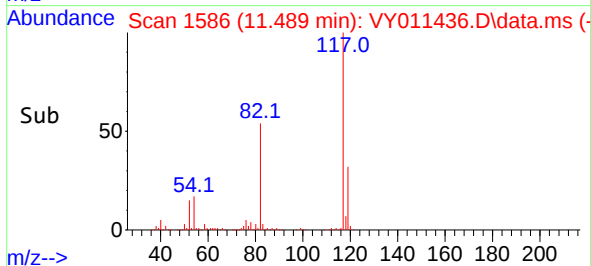
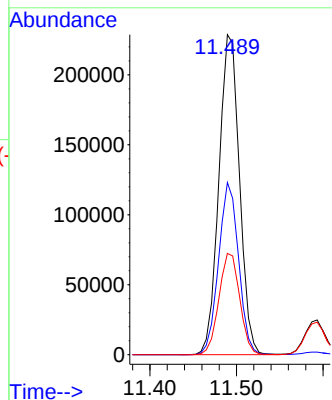
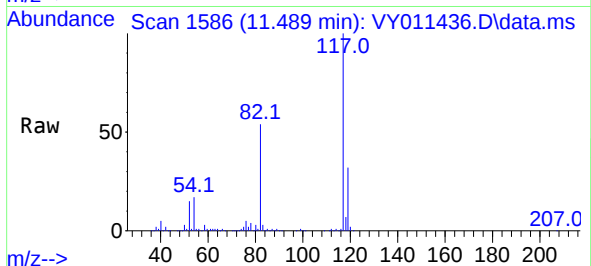




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

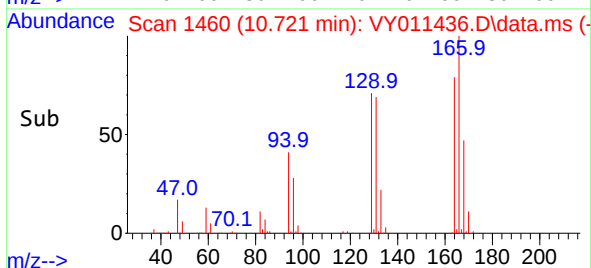
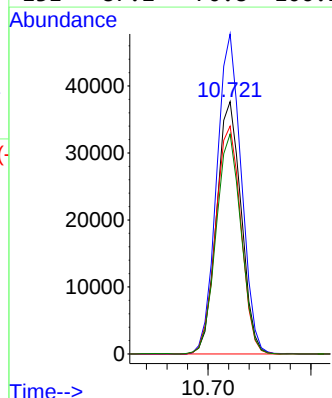
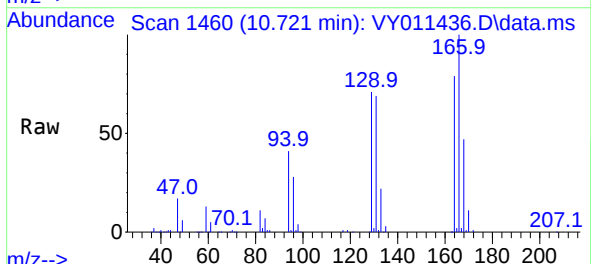
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

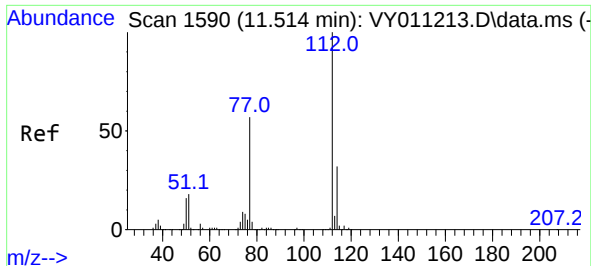
Tgt Ion:117 Resp: 378347  
Ion Ratio Lower Upper  
117 100  
82 53.8 43.0 64.4  
119 31.7 25.4 38.0



#64  
Tetrachloroethene  
Concen: 20.733 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion:164 Resp: 62702  
Ion Ratio Lower Upper  
164 100  
166 126.9 100.4 150.6  
129 90.3 71.4 107.0  
131 87.2 70.8 106.2

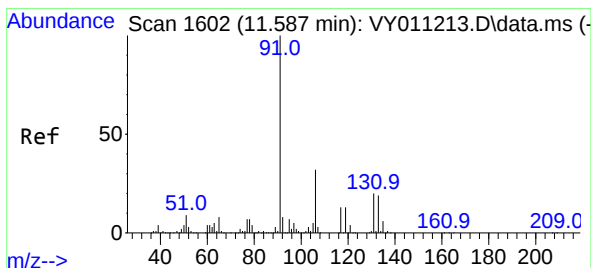
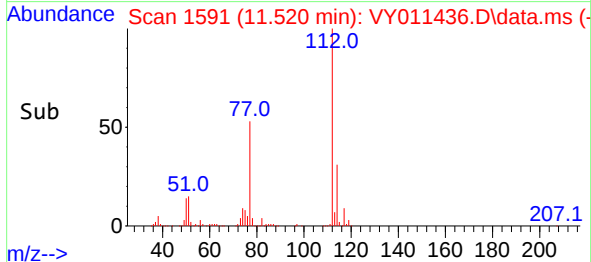
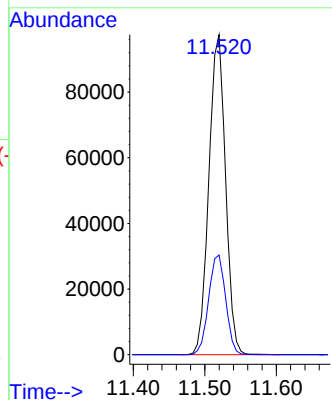
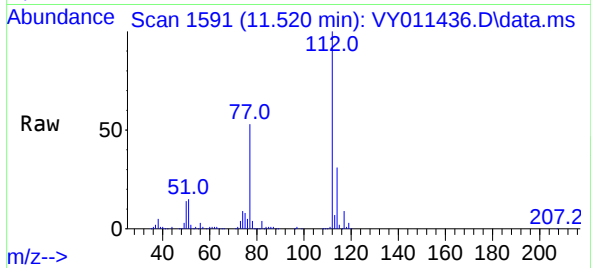




#65  
Chlorobenzene  
Concen: 20.816 ug/l  
RT: 11.520 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

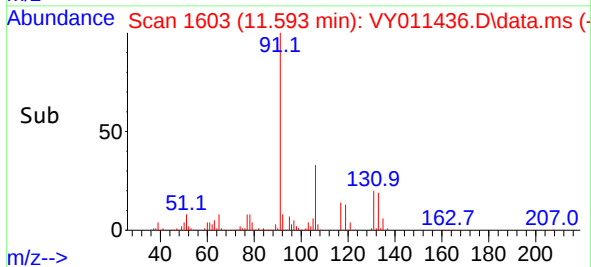
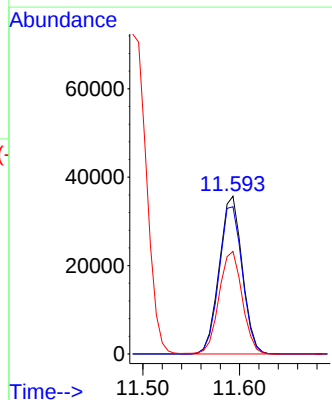
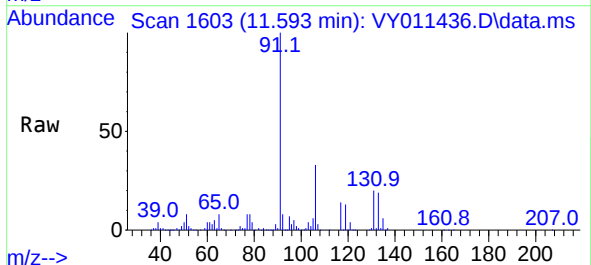
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

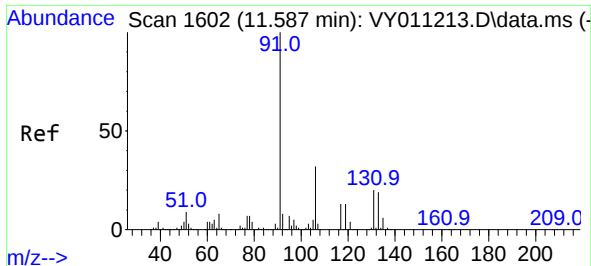
Tgt Ion:112 Resp: 157635  
Ion Ratio Lower Upper  
112 100  
114 31.2 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.777 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion:131 Resp: 58864  
Ion Ratio Lower Upper  
131 100  
133 94.8 47.9 143.6  
119 65.4 30.8 92.3





#67

Ethyl Benzene

Concen: 20.203 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011436.D

Acq: 14 Nov 2022 13:54

Instrument :

MSVOA\_Y

ClientSampleId :

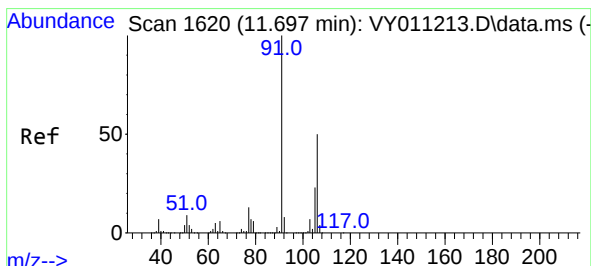
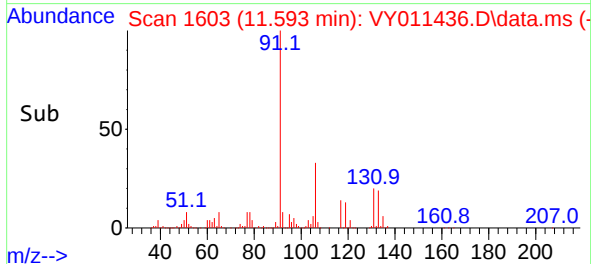
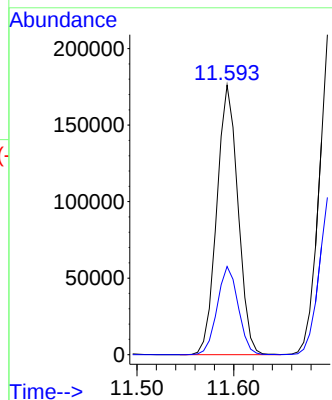
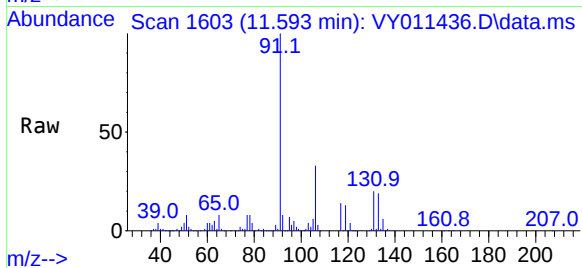
VY1114SBS01

Tgt Ion: 91 Resp: 267332

Ion Ratio Lower Upper

91 100

106 32.7 24.5 36.7



#68

m/p-Xylenes

Concen: 41.500 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011436.D

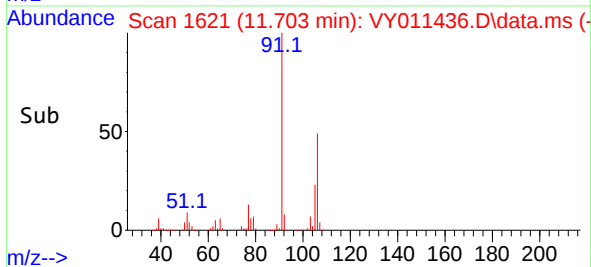
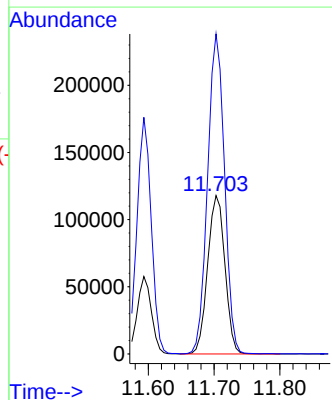
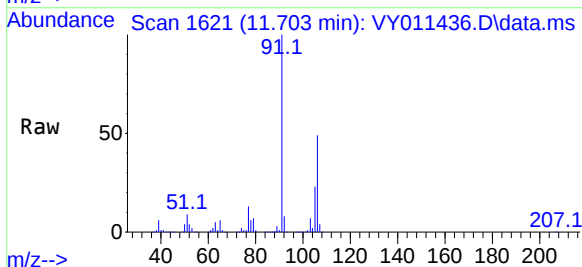
Acq: 14 Nov 2022 13:54

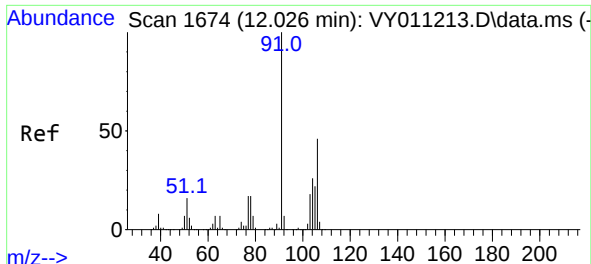
Tgt Ion:106 Resp: 215286

Ion Ratio Lower Upper

106 100

91 197.7 166.6 249.8

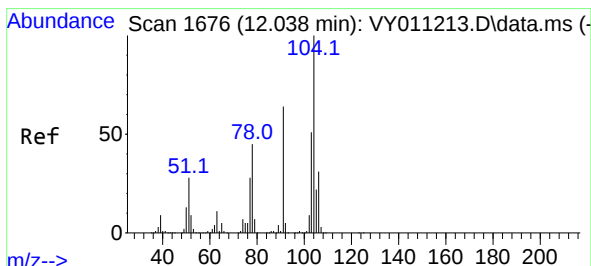
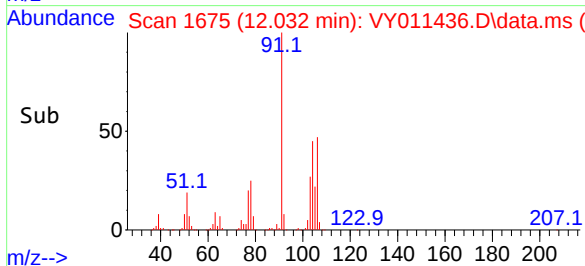
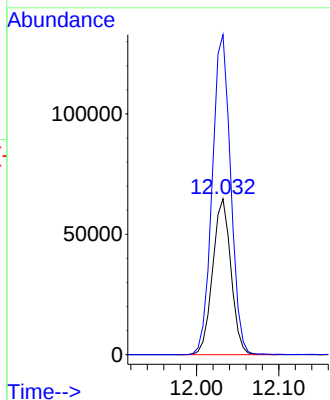
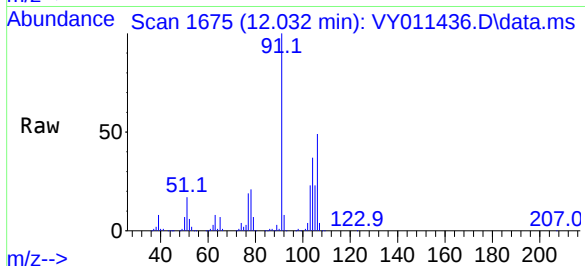




#69  
o-Xylene  
Concen: 20.450 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

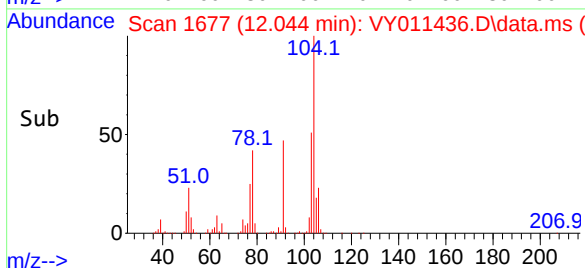
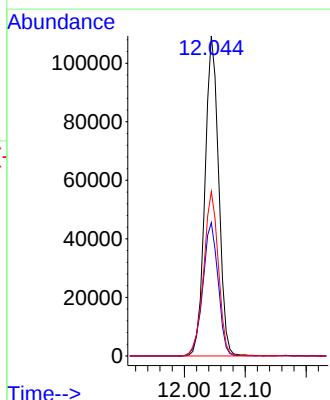
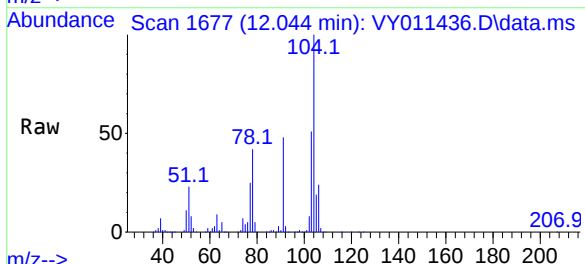
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

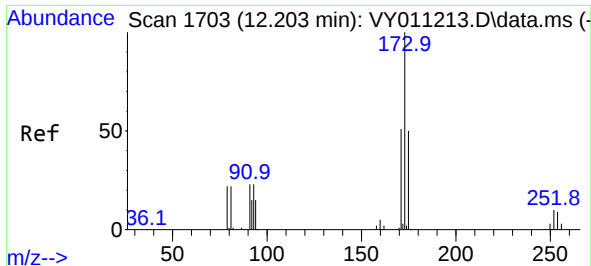
Tgt Ion:106 Resp: 100057  
Ion Ratio Lower Upper  
106 100  
91 207.3 110.3 331.0



#70  
Styrene  
Concen: 20.825 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion:104 Resp: 171282  
Ion Ratio Lower Upper  
104 100  
78 46.0 42.4 63.6  
103 54.9 44.4 66.6

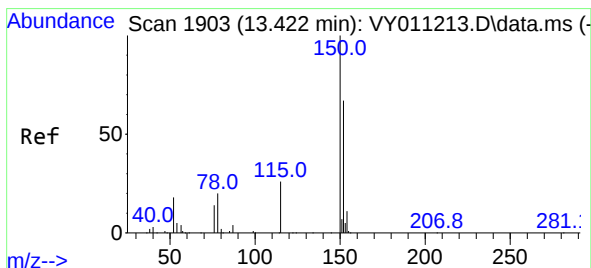
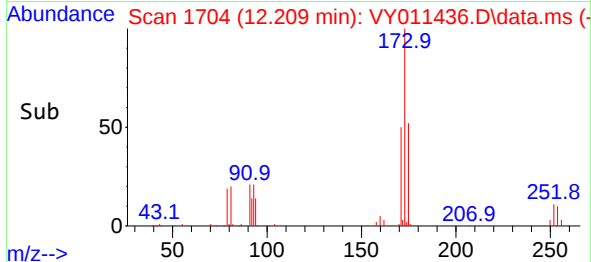
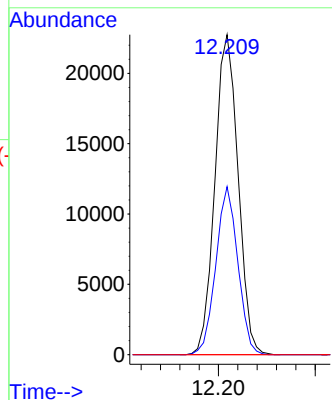
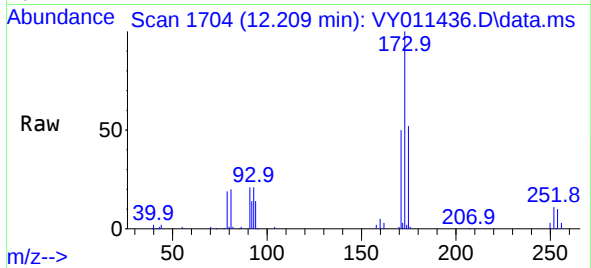




#71  
Bromoform  
Concen: 21.525 ug/l  
RT: 12.209 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

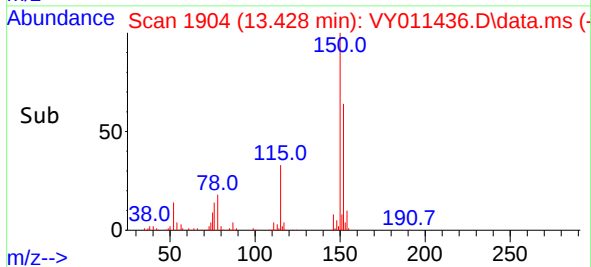
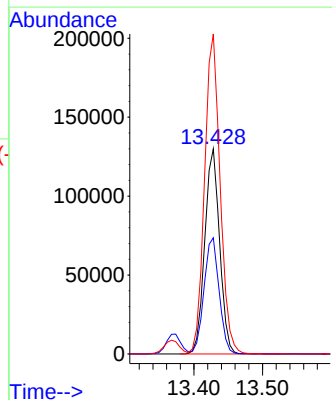
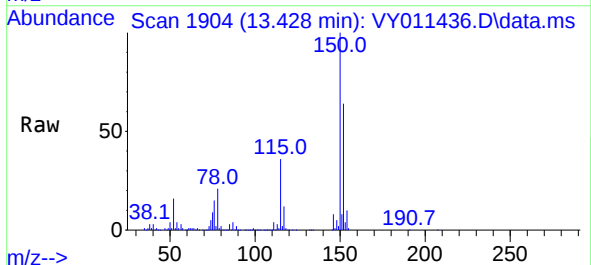
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

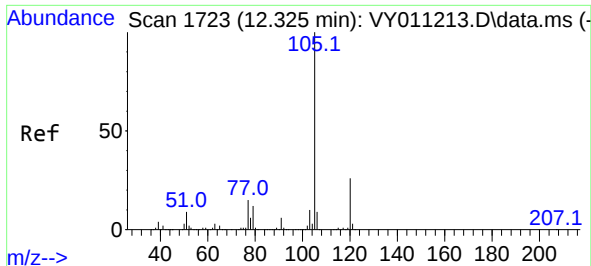
Tgt Ion:173 Resp: 37801  
Ion Ratio Lower Upper  
173 100  
175 49.8 24.6 74.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion:152 Resp: 196293  
Ion Ratio Lower Upper  
152 100  
115 57.6 28.2 84.7  
150 163.1 0.0 347.6

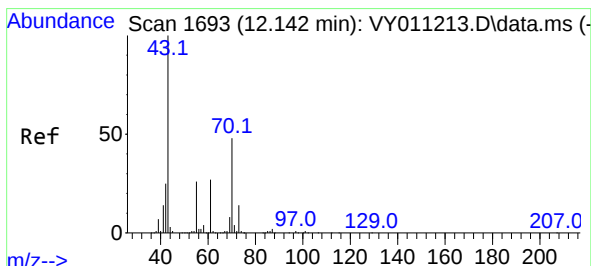
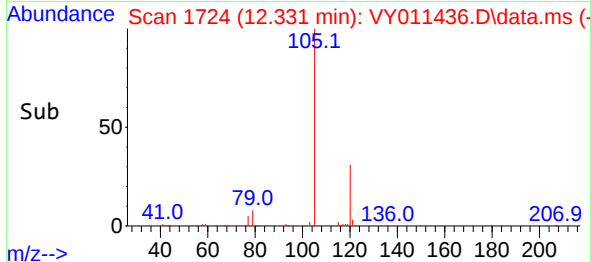
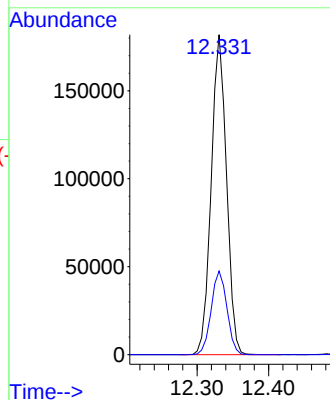
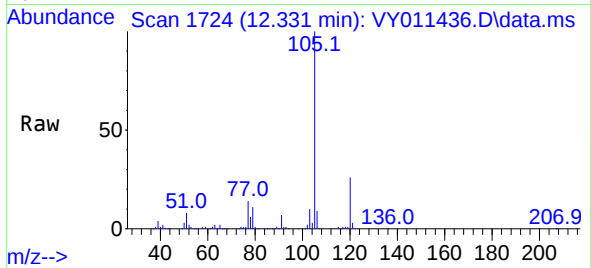




#73  
Isopropylbenzene  
Concen: 19.860 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

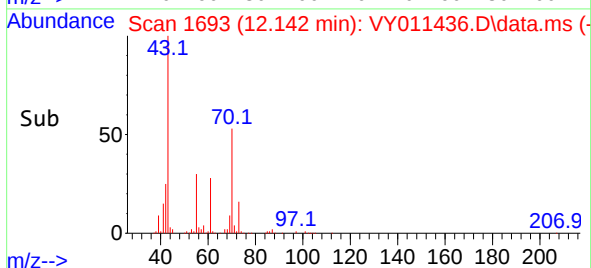
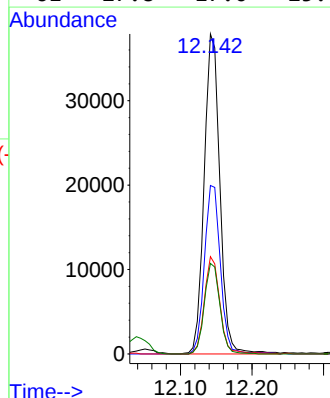
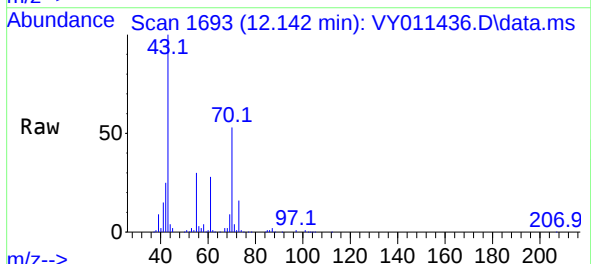
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

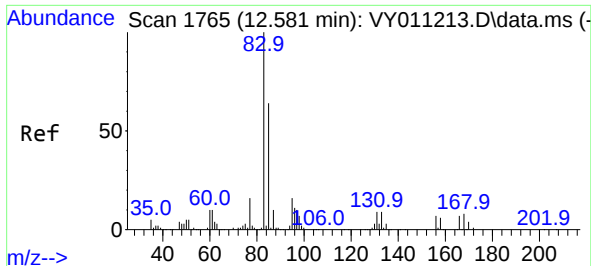
Tgt Ion:105 Resp: 269441  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.4 40.2



#74  
N-ethyl acetate  
Concen: 20.356 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 43 Resp: 58102  
Ion Ratio Lower Upper  
43 100  
70 53.1 28.7 43.1#  
55 30.1 17.3 25.9#  
61 27.8 17.0 25.6#

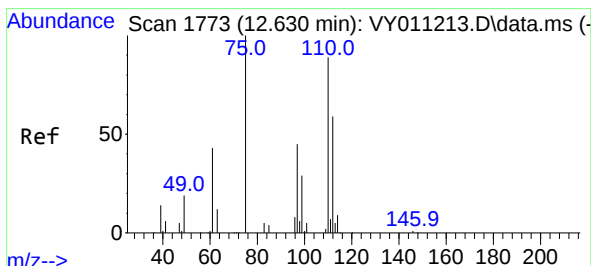
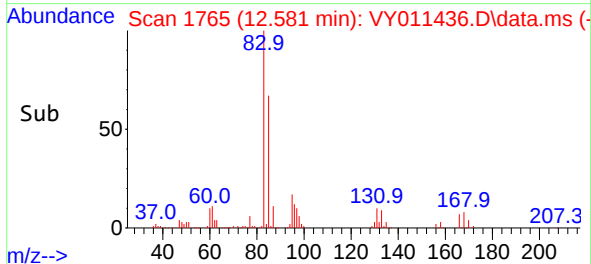
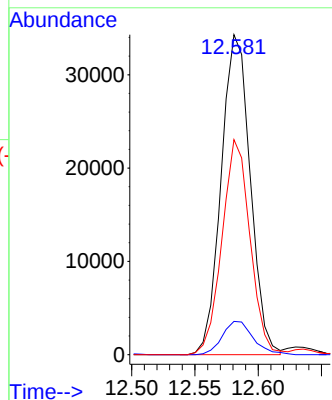
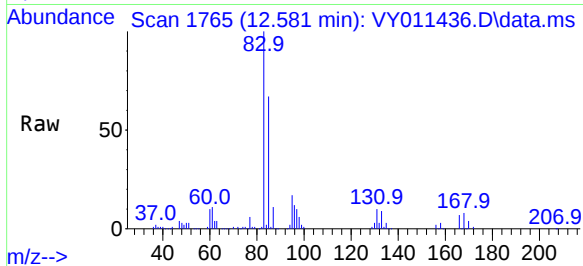




#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.031 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

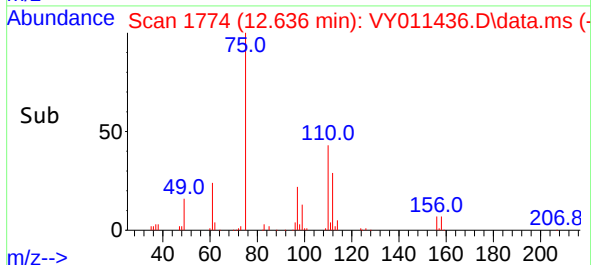
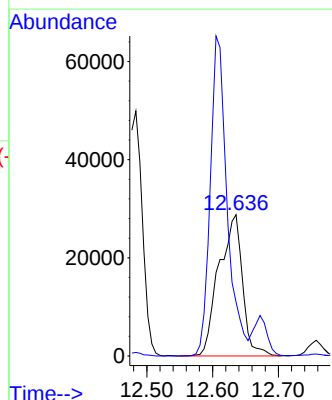
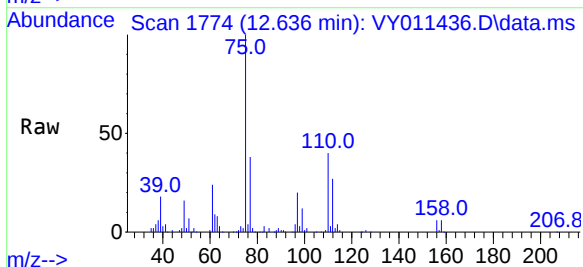
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

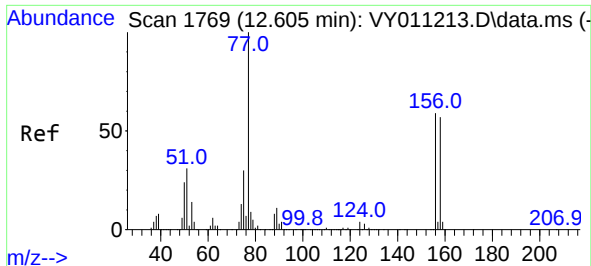
Tgt Ion: 83 Resp: 54822  
Ion Ratio Lower Upper  
83 100  
131 11.1 5.6 16.8  
85 64.9 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 31.721 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 75 Resp: 72074  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

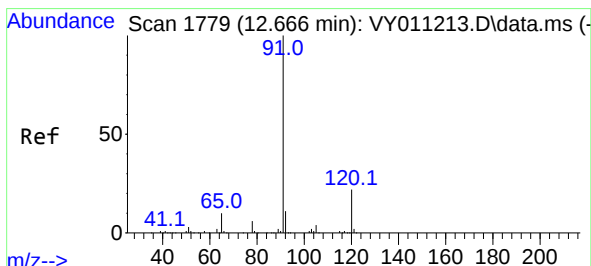
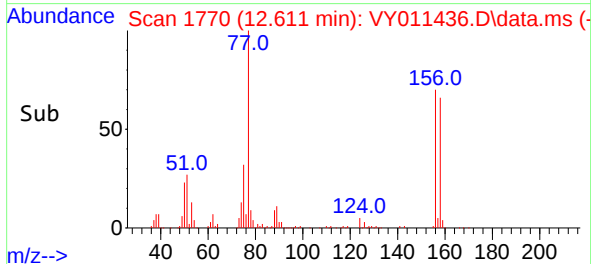
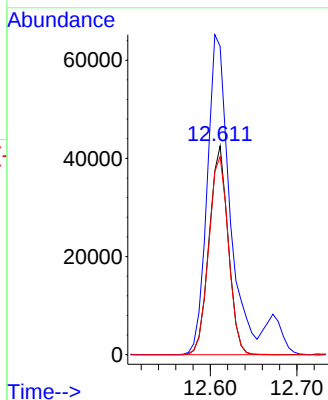
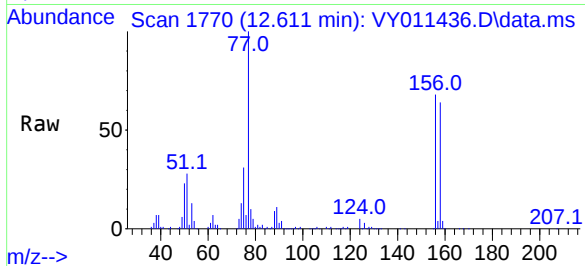




#77  
Bromobenzene  
Concen: 19.986 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

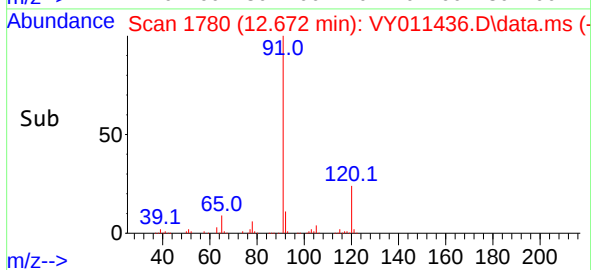
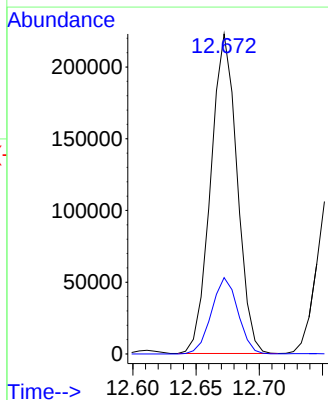
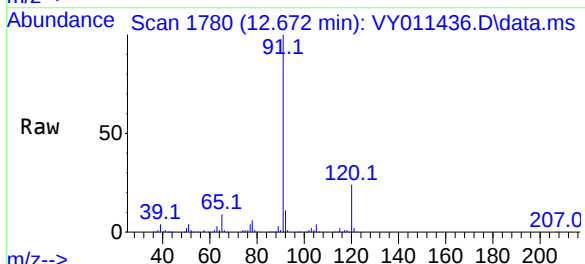
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

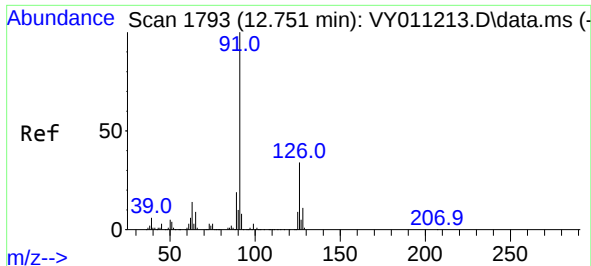
Tgt Ion:156 Resp: 64842  
Ion Ratio Lower Upper  
156 100  
77 180.1 95.5 286.4  
158 98.2 48.0 144.0



#78  
n-propylbenzene  
Concen: 19.959 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 91 Resp: 323105  
Ion Ratio Lower Upper  
91 100  
120 23.9 11.3 33.9





#79

2-Chlorotoluene

Concen: 19.908 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY011436.D

Acq: 14 Nov 2022 13:54

Instrument :

MSVOA\_Y

ClientSampleId :

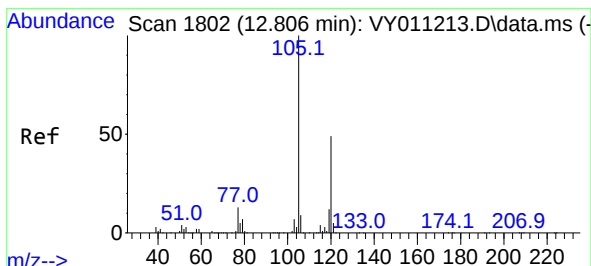
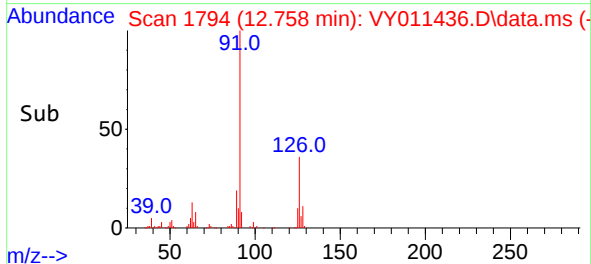
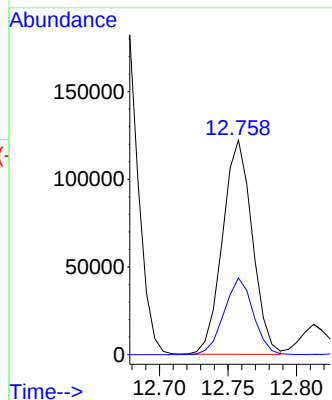
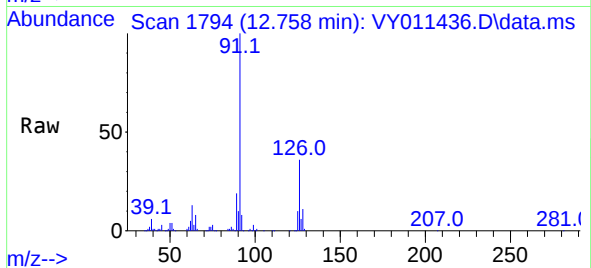
VY1114SBS01

Tgt Ion: 91 Resp: 184310

Ion Ratio Lower Upper

91 100

126 35.2 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 20.198 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY011436.D

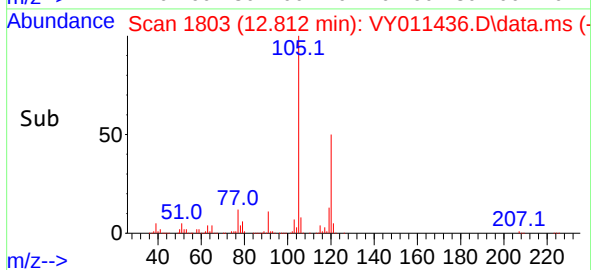
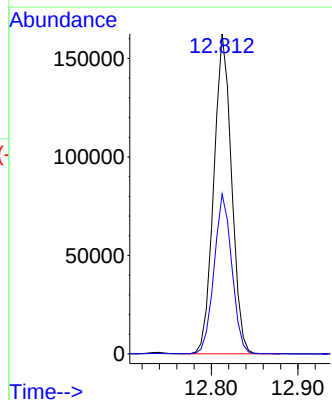
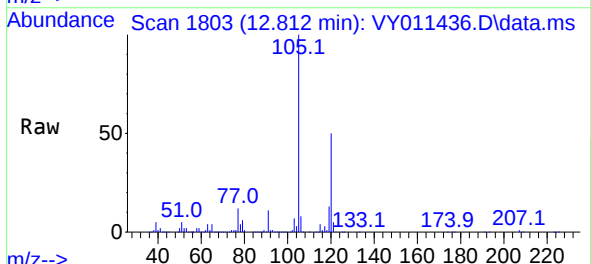
Acq: 14 Nov 2022 13:54

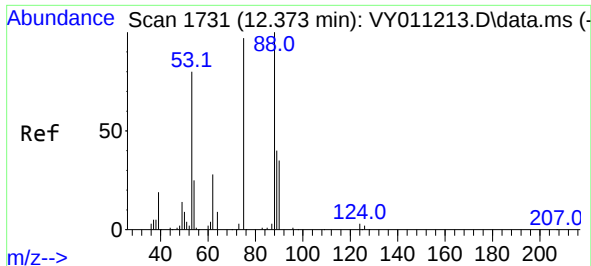
Tgt Ion: 105 Resp: 231124

Ion Ratio Lower Upper

105 100

120 49.7 24.4 73.4

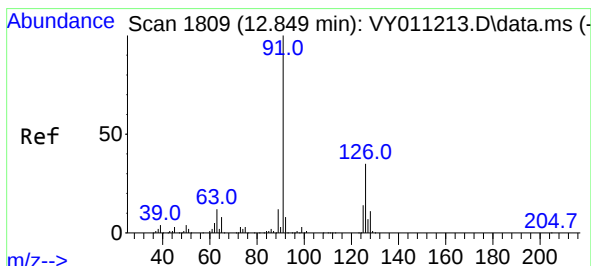
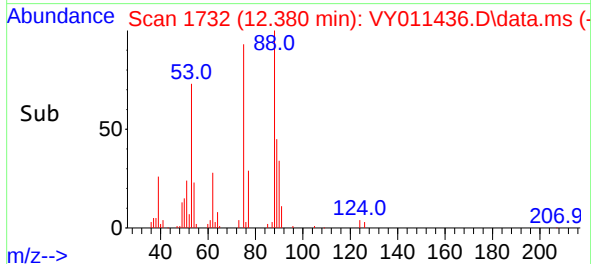
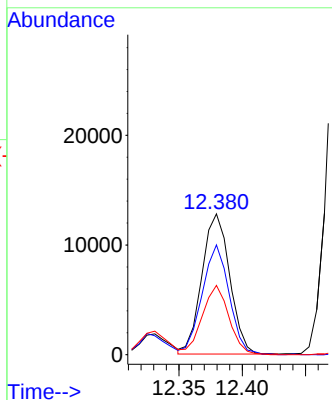
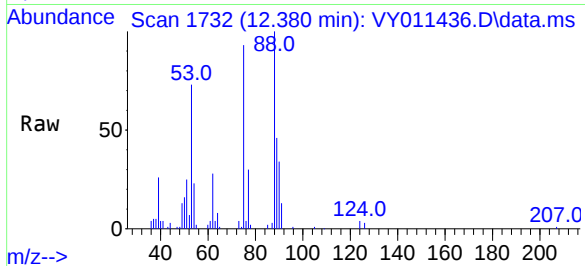




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.651 ug/l  
RT: 12.380 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

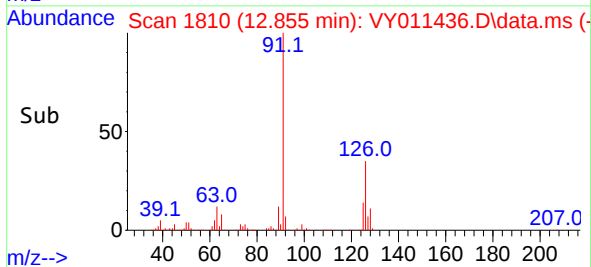
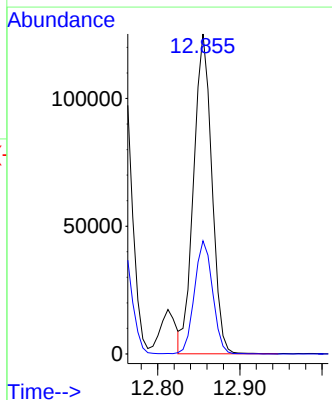
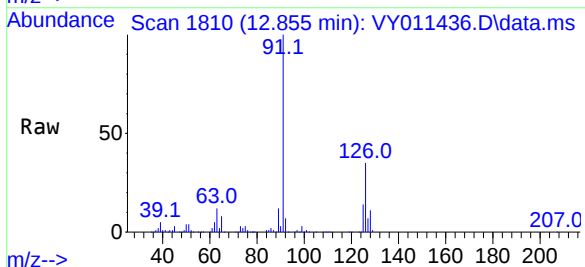
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

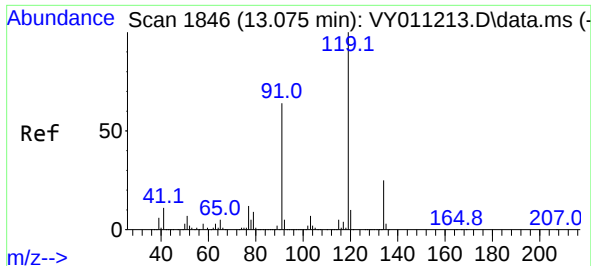
Tgt Ion: 75 Resp: 19521  
Ion Ratio Lower Upper  
75 100  
53 76.6 85.3 127.9#  
89 47.8 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 19.977 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion: 91 Resp: 191996  
Ion Ratio Lower Upper  
91 100  
126 35.4 17.0 51.0

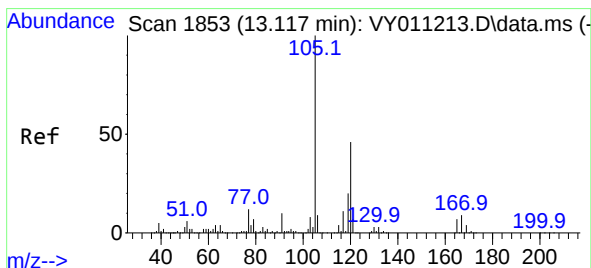
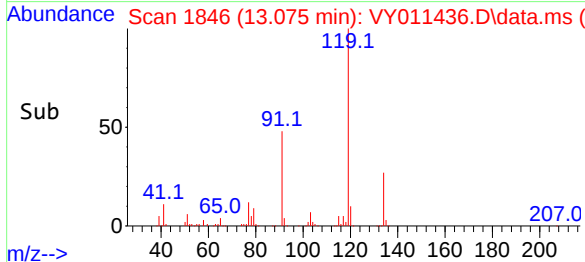
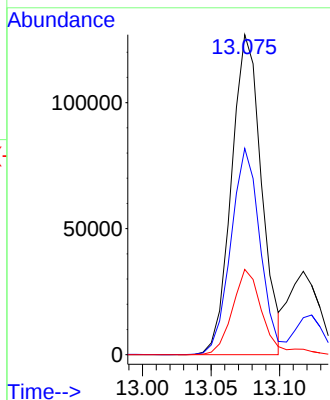
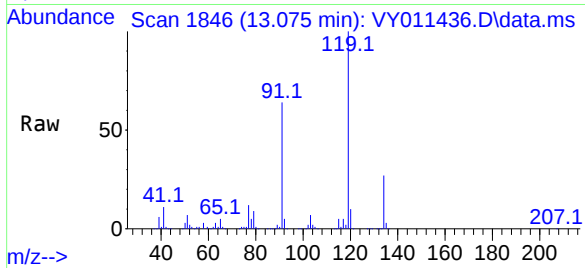




#83  
tert-Butylbenzene  
Concen: 19.646 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

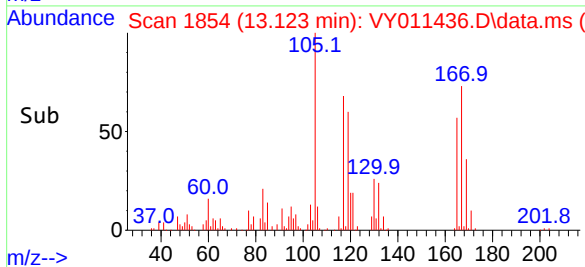
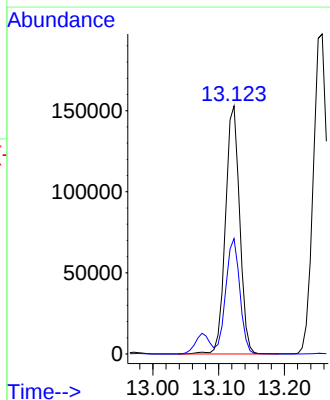
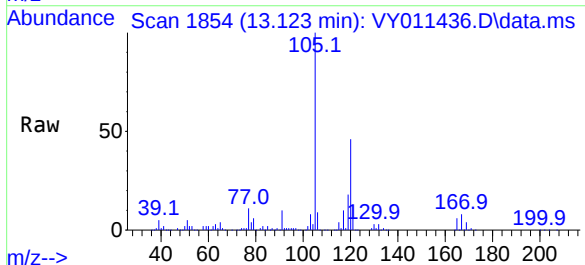
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

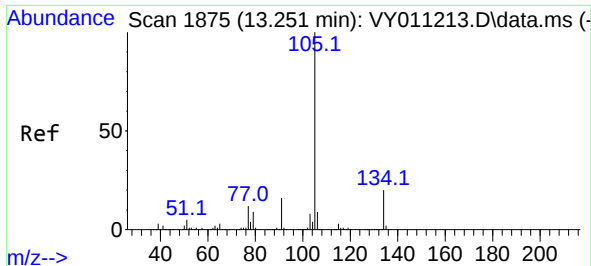
Tgt Ion:119 Resp: 194364  
Ion Ratio Lower Upper  
119 100  
91 63.3 34.8 104.4  
134 26.8 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 20.479 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion:105 Resp: 230027  
Ion Ratio Lower Upper  
105 100  
120 46.0 22.3 66.9

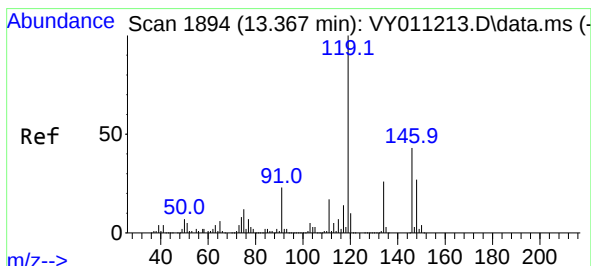
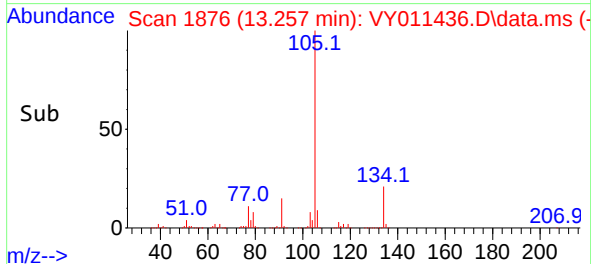
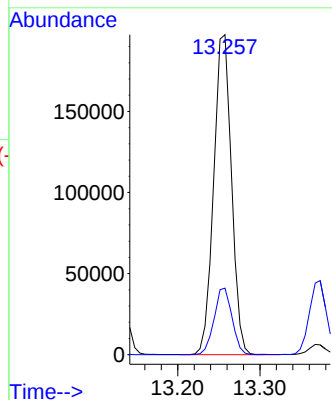
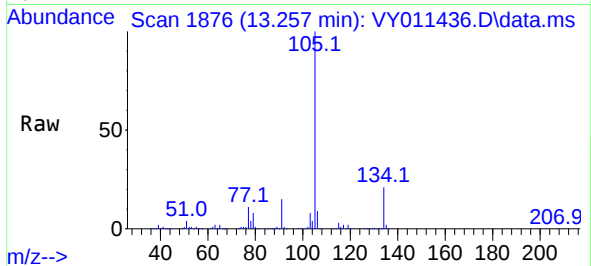




#85  
 sec-Butylbenzene  
 Concen: 20.373 ug/l  
 RT: 13.257 min Scan# 1875  
 Delta R.T. 0.006 min  
 Lab File: VY011436.D  
 Acq: 14 Nov 2022 13:54

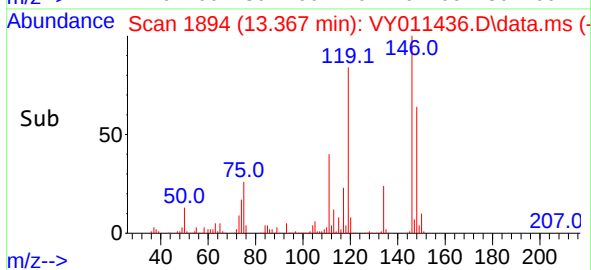
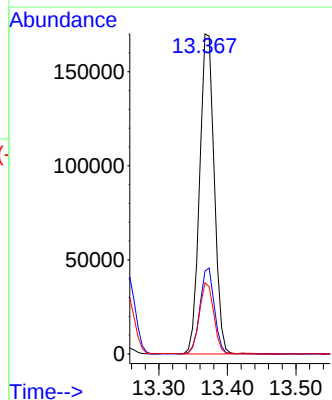
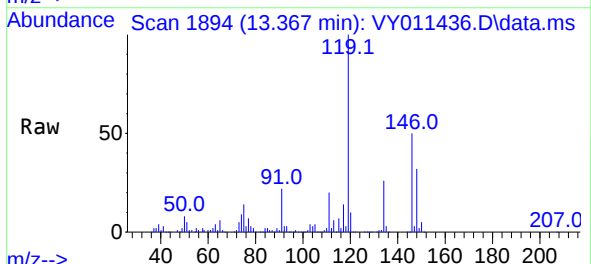
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1114SBS01

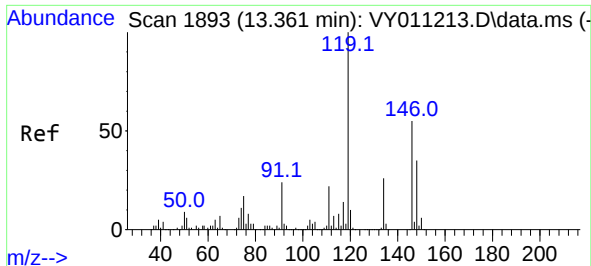
Tgt Ion:105 Resp: 296699  
 Ion Ratio Lower Upper  
 105 100  
 134 21.0 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 20.713 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY011436.D  
 Acq: 14 Nov 2022 13:54

Tgt Ion:119 Resp: 252853  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.2 39.5  
 91 21.9 12.4 37.2

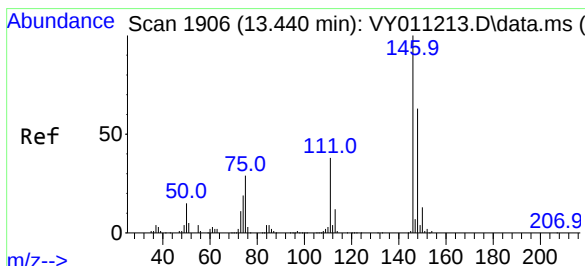
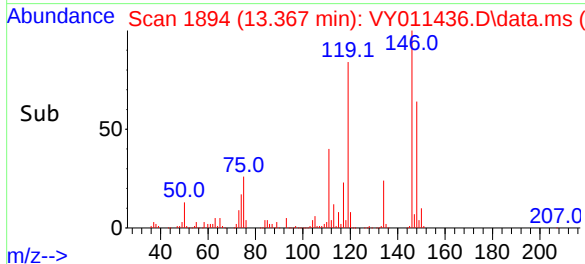
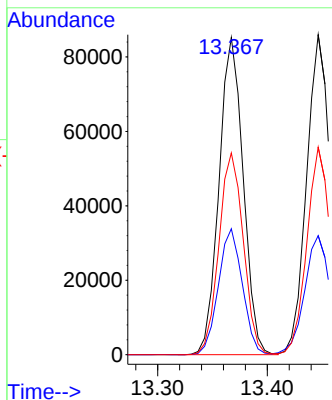
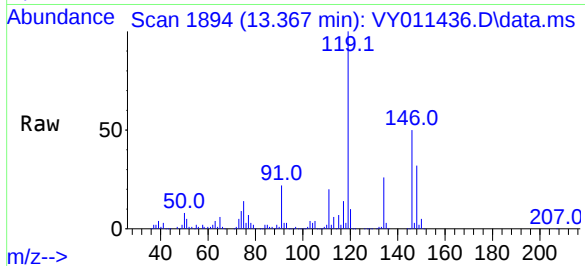




#87  
1,3-Dichlorobenzene  
Concen: 20.163 ug/l  
RT: 13.367 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

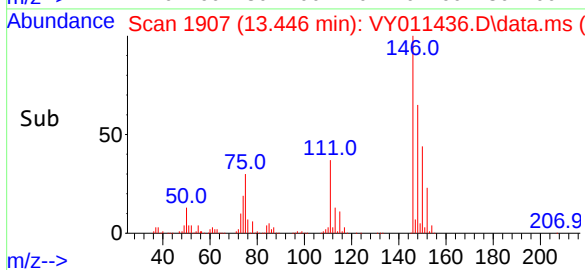
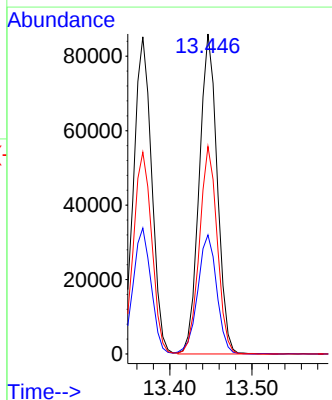
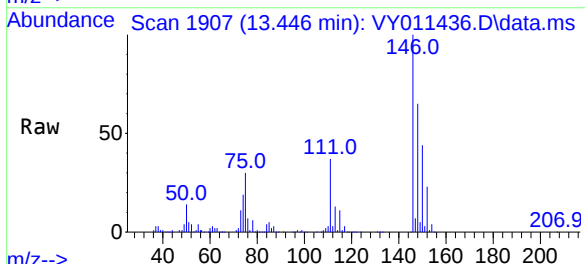
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

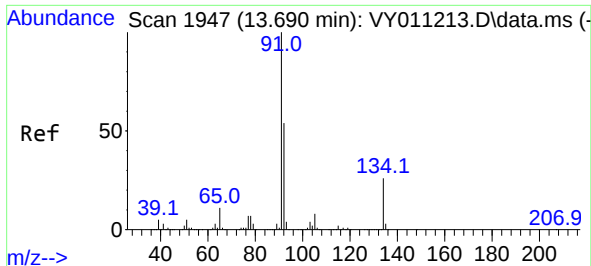
Tgt Ion:146 Resp: 130588  
Ion Ratio Lower Upper  
146 100  
111 39.4 19.5 58.5  
148 64.1 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 20.418 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.001 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion:146 Resp: 130767  
Ion Ratio Lower Upper  
146 100  
111 39.3 19.3 57.8  
148 64.1 32.6 97.8





#89

n-Butylbenzene

Concen: 20.510 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY011436.D

Acq: 14 Nov 2022 13:54

Instrument :

MSVOA\_Y

ClientSampleId :

VY1114SBS01

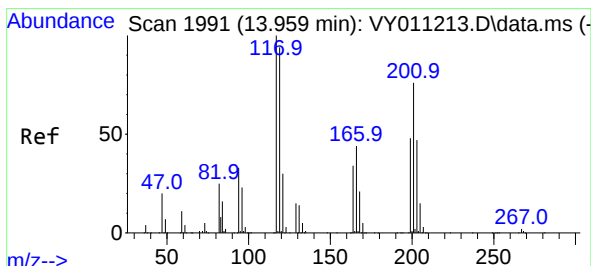
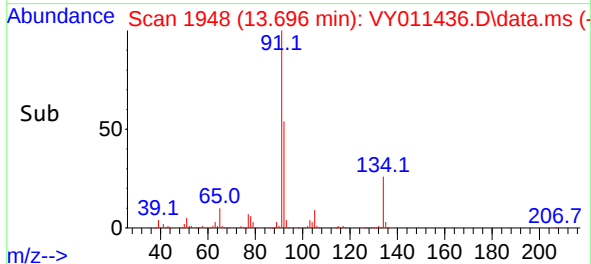
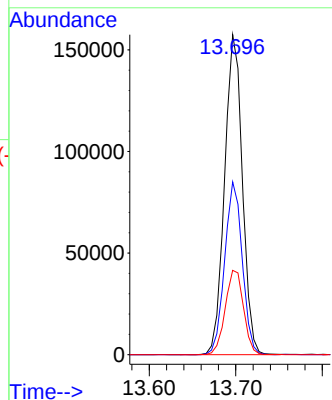
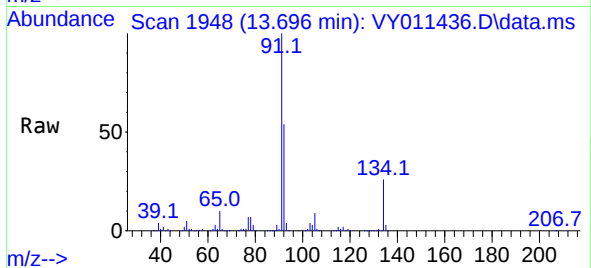
Tgt Ion: 91 Resp: 224970

Ion Ratio Lower Upper

91 100

92 53.4 26.3 78.9

134 27.1 13.0 38.9



#90

Hexachloroethane

Concen: 20.178 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY011436.D

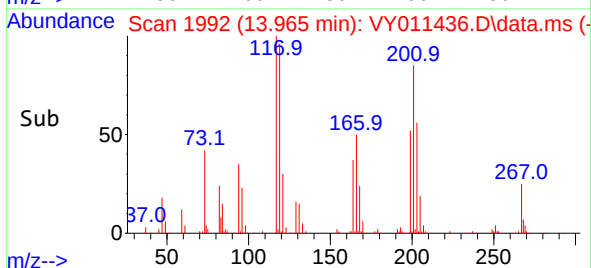
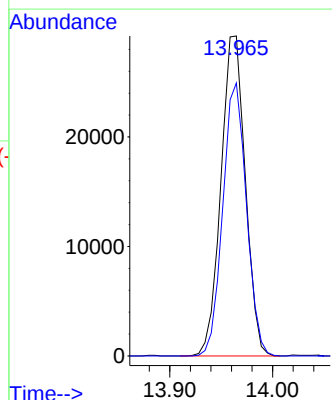
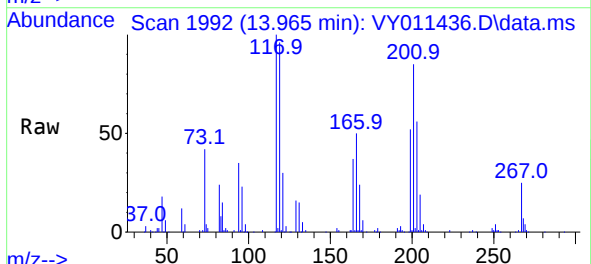
Acq: 14 Nov 2022 13:54

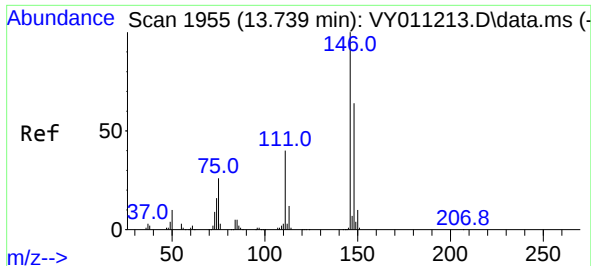
Tgt Ion: 117 Resp: 48193

Ion Ratio Lower Upper

117 100

201 82.5 43.0 128.8

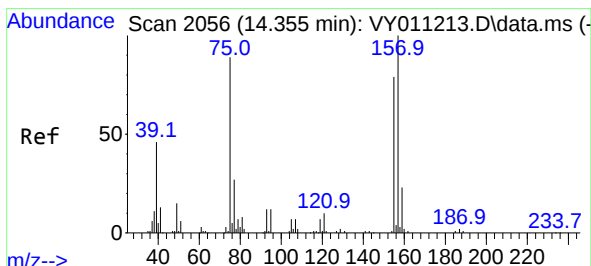
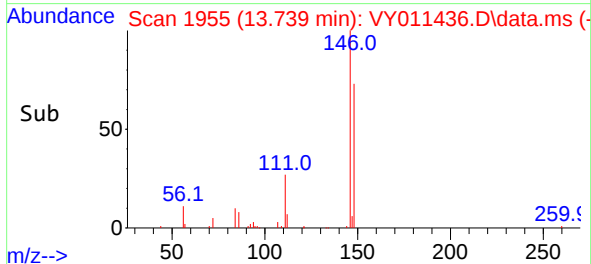
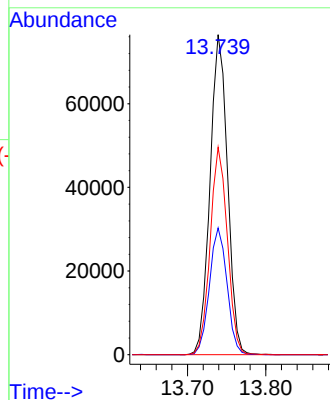
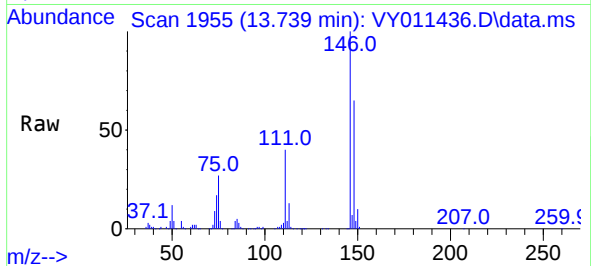




#91  
1,2-Dichlorobenzene  
Concen: 20.666 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

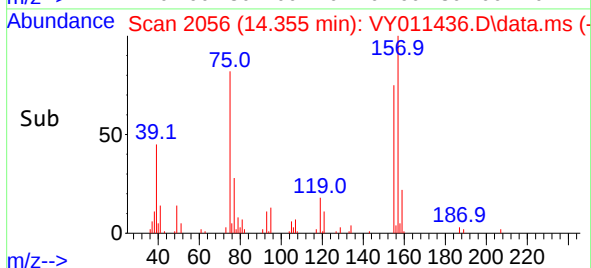
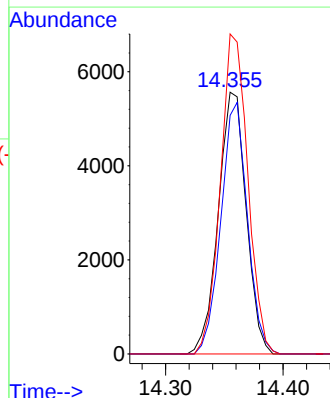
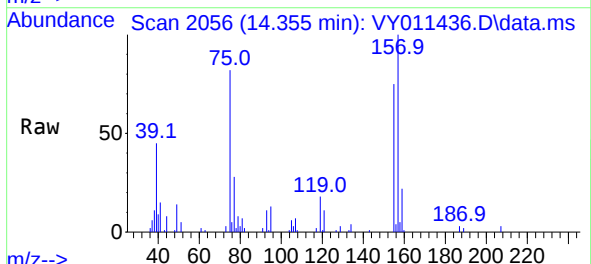
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

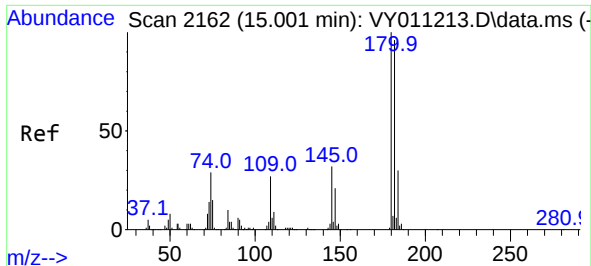
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 118732 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 39.7  | 20.3  | 60.9   |
| 148       | 63.8  | 32.3  | 96.9   |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 21.633 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 9188  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 91.2  | 38.0  | 113.9 |
| 157       | 120.2 | 47.8  | 143.3 |

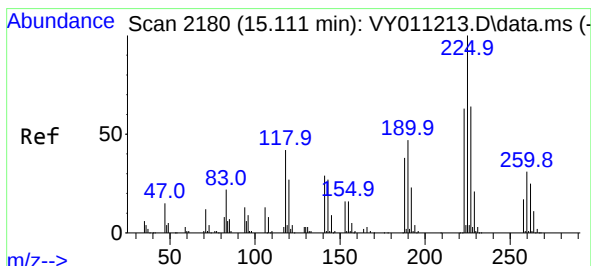
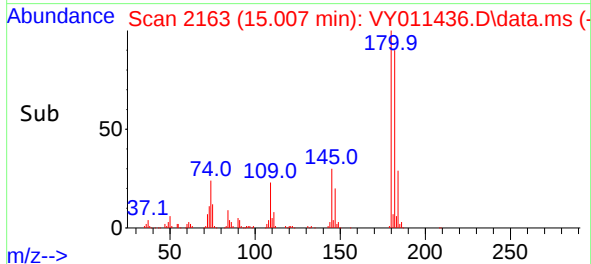
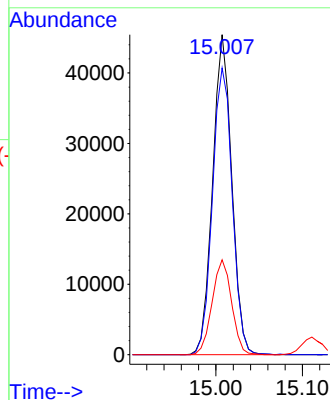
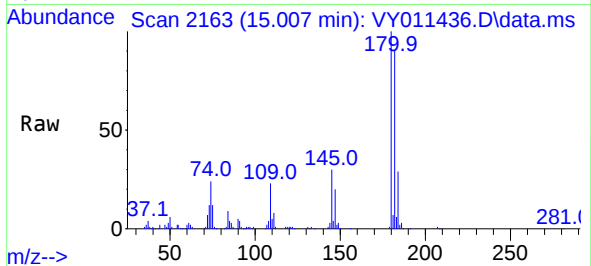




#93  
1,2,4-Trichlorobenzene  
Concen: 20.535 ug/l  
RT: 15.007 min Scan# 2162  
Delta R.T. 0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

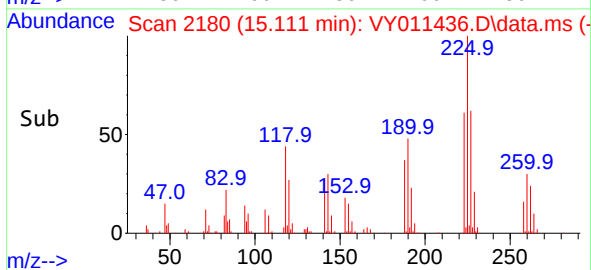
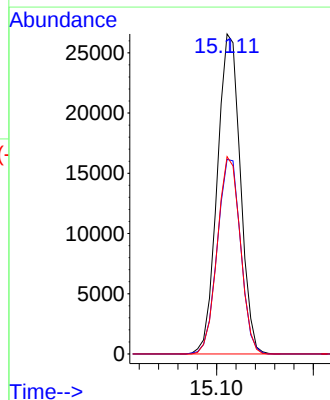
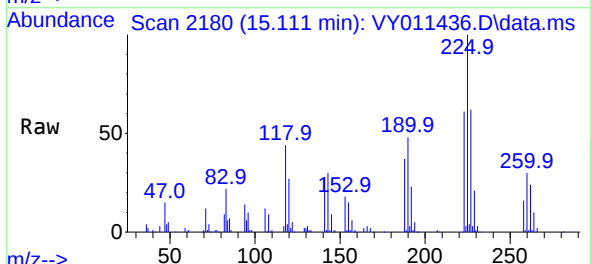
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

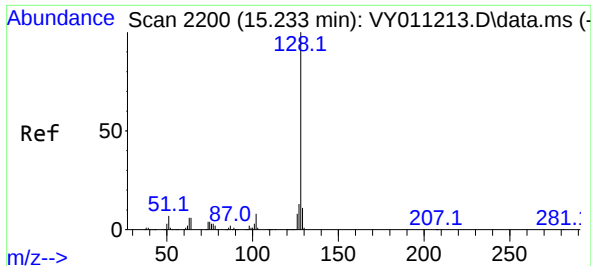
Tgt Ion:180 Resp: 69550  
Ion Ratio Lower Upper  
180 100  
182 93.1 47.3 141.9  
145 30.3 14.6 43.8



#94  
Hexachlorobutadiene  
Concen: 21.963 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion:225 Resp: 43945  
Ion Ratio Lower Upper  
225 100  
223 61.4 30.8 92.3  
227 61.2 31.6 94.7

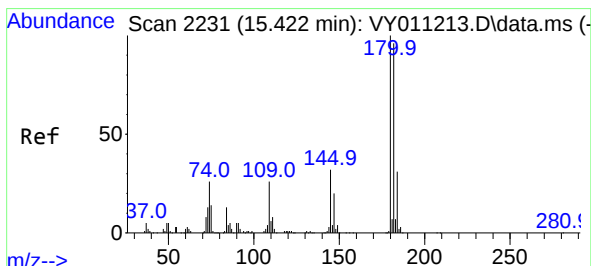
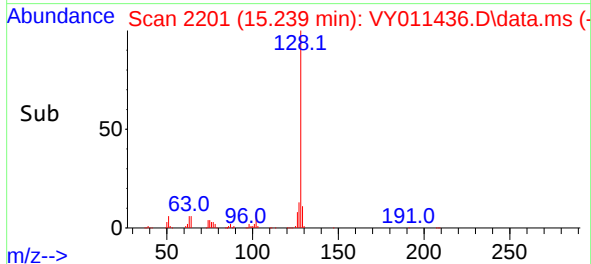
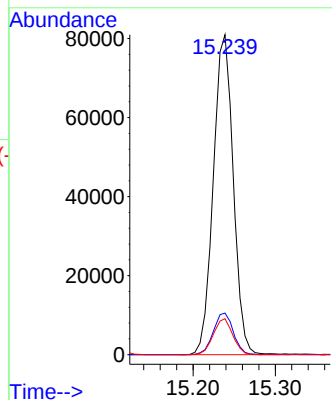
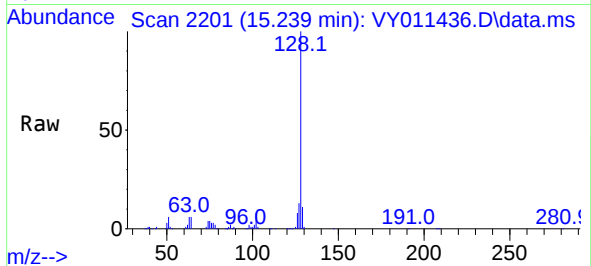




#95  
Naphthalene  
Concen: 20.465 ug/l  
RT: 15.239 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1114SBS01

Tgt Ion:128 Resp: 136602  
Ion Ratio Lower Upper  
128 100  
127 13.1 11.0 16.4  
129 11.0 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 20.852 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY011436.D  
Acq: 14 Nov 2022 13:54

Tgt Ion:180 Resp: 60986  
Ion Ratio Lower Upper  
180 100  
182 96.1 47.3 141.9  
145 31.9 15.3 45.9

